

Mark's Cleaning Service, Inc. Supplies and Index of SDS

Carpet

Duct; Carpet; Window Cleaning Division

PRODUCT NAME/CHEMICAL	TYPE OF CHEMICAL	MANUFACTURER	PAGE #
Anti-Allergen Detergent Rinse	Cleaning Agent	MasterBlend	C1A-C1I
Aqua Mix Seal/Coat Remover	Coating Remover	Custom Building Products	C2A-C2K
Benefect Broad Spectrum	Disinfectant	Sensible Life Products	C3A-C3E
Chemtreat WoolFiber	Moth-Proofing	Chemspec Europe	C4A-C4C
Citrus Slam	Ind Cleaning Compound	Newline Industries	C5A-C5G
Clear Seal NL 105	Sealer	Newline Industries	C6A-C6B
Crystal Defoamer	Carpet Cleaning	Chemspec	C7A-C7H
Defender	Textile Protector	Chemical Technologies	C8A-C8F
Dry Spotter VS	Spot Remover	Kleenrite Chemical	C9A-C9D
Easy Glide Glass Cleaner	Cleaner	Unger Enterprises, LLC	C10A-C10H
Encapuclean Green DS	Carpet Cleaning	Bridgepoint Systems	C11A-C11E
EncapuGuard Green	Protective Treatment	Bridgepoint Systems	C12A-C12H
EnzAll	Carpet Cleaning	Legend Brands Chemspec	C13A-C13H
Flex Fire Rinse	Extraction Rinse	Bridgepoint Systems	C14A-C14H
Flex Ice Rinse	Extraction Rinse	Bridgepoint Systmes	C15A-C15H
Flex Powder CC 21	Carpet Prespray	Bridgepoint Systems	C16A-C16E
Foam Solvent Carpet	Shampoo	Prochem	C17A-C17D
FoamDry 2x	Shampoo for Carpet Care	Scot Laboratories	C18A-C18F
FoamDry with Stain Resist	Shampoo	Scot Laboratories	C19A-C19G
Fringe Bleach	General Use	MasterBlend	C20A-C20K
Green Balance Neutral Rinse	Citric Acid	Bridgepoint Systems	C21A-C21E
Green Balance Prespray	Pre-Spray	Bridgepoint Systems	C22A-C22E
Groutmaster	Surfactant/Detergent	TMF CHEMICAL	C23A-C23D
Hi-Test NL 102	Cleaner	Newline Industries LLC	C24A-C24B
NL601	Cleaning Compound	Newline Industries LLC	C25A-C25F
Omega With Profresh	Carpet Detergent	BonnetPro	C26A-C26F
Orange 88 Degreaser	Degreaser, Drain Cleaner	Warsaw Chemicals	C27A-C27B
Perfect 7	Neutral Low Foam Cleaner	Rochester Midland Corp.	C28A-C28F
Professional Tile/Grout	Cleaner	Prochem Karcher Inc.	C29A-C29F
Proxi Spray & Walk Away	Cleaner	Rochester Midland	C30A-C30H
Releasit Encap Spot	Carpet Spotter	Releasit	C31A-C31H
Revive It Oxy Spotter	Carpet Cleaning	CleanPak Products LLC	C32A-C32E
Revive It Rocket	Carpet Cleaning	BonnetPro	C33A-C33E
Rust Stain Remover	Rust Remover	Whink Products Company	C34A-C34F
Scotchgard Bonnet Cleaner	Carpet Cleaner	3M	C35A-C35I
Stain 1	Stain Remover	Chemical Technologies	C36A-C36F
Surround Free	Carpet Detergent	BonnetPro	C37A-C37F
Sweet Lemon Deodorizer	Deodorizer	Bridgepoint Systems	C38A-C38F
Thornell Concentrates	Odor Eliminator	Thornell Corporation	C39A-C39C
Unbelievable GoodSolvr	Adhesive Remover	Core Products Co	C40A-C40F
Unbelievable Rid'Z Odor	Water Soluble Deodorizer	Core Products Co.	C41A-C41B
Viper Renew	Tile & Grout Cleaner	Hydro-Force Manufactur	C42A-C42G
Waste Away	Bacteria spotter	BonnerPro	C43A-C43E

Rob's Carpet Formulas

TMC Chem

C44A-C44C

Revision date: 06/01/2015

SECTION 1: Identification**1.1 Product Identifier**Trade name **Anti-Allergen Detergent Rinse****Other means of identification**

Product code(s): 1042 Formula code: 04-101227

1.2 Relevant identified uses

Relevant identified uses Cleaning agent

1.3 Details of the supplier of the safety data sheetMasterBlend • 5285 Fox Street • CO 80216 Denver • United States •
Telephone: 303.373.0702 • Telefax 303.373.4968 • e-mail: info@masterblend.net • Website: masterblend.net**1.4 Emergency telephone number**Chem-Tel **1.800.255.3924** (USA & Canada) **1.813.248.0585** (International)**SECTION 2: Hazard(s) identification****2.1 Classification of the substance or mixture****Classification acc. to OSHA "Hazard Communication Standard" (29 CFR 1910.1200)**

Annex	Hazard class and category	Hazard statement code(s)
A.3	serious eye damage/eye irritation	Cat. 2 (Eye Irrit. 2) H319

Remarks

For full text of H-phrases: see SECTION 16.

2.2 Label elements**Labelling acc. to OSHA "Hazard Communication Standard" (29 CFR 1910.1200)****Signal word** **WARNING****Pictograms**

GHS07

**Hazard statements**

H319 Causes serious eye irritation.

Precautionary statements**Precautionary statements - prevention**Wash thoroughly after handling.
Wear protective gloves/eye protection/face protection.**Precautionary statements - response**IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.
Continue rinsing.
If eye irritation persists: Get medical advice/attention.**2.3 Other hazards**

There is no additional information.

Revision date: 06/01/2015

SECTION 3: Composition/information on ingredients**3.1 Substances**

not relevant (mixture)

3.2 Mixtures**3.2.1**

Name of substance	Identifier	Wt%
Deionized Water	CAS No 7732-18-5	≥ 90
Nonionic surfactants	CAS No Trade Secret	1 - < 5
Alcohol solvent	CAS No Trade Secret	< 1
Alkanolamine	CAS No 144538-83-0	< 1
Tall oil fatty acid	CAS No 61790-12-3	< 1

For full text of abbreviations: see SECTION 16.

SECTION 4: First-aid measures**4.1 Description of first-aid measures****General notes**

Do not leave affected person unattended. Remove victim out of the danger area. Keep affected person warm, still and covered. Take off immediately all contaminated clothing. In all cases of doubt, or when symptoms persist, seek medical advice. In case of unconsciousness place person in the recovery position. Never give anything by mouth.

Following inhalation

If breathing is irregular or stopped, immediately seek medical assistance and start first aid actions. Provide fresh air.

Following skin contact

Wash with plenty of soap and water.

Following eye contact

Remove contact lenses, if present and easy to do. Continue rinsing. Irrigate copiously with clean, fresh water for at least 10 minutes, holding the eyelids apart.

Following ingestion

Rinse mouth with water (only if the person is conscious). Do NOT induce vomiting.

4.2 Most important symptoms and effects, both acute and delayed

Symptoms and effects are not known to date.

4.3 Indication of any immediate medical attention and special treatment needed

none

Revision date: 06/01/2015

SECTION 5: Fire-fighting measures**5.1 Extinguishing media****Suitable extinguishing media**water spray, alcohol resistant foam, BC-powder, carbon dioxide (CO₂)**Unsuitable extinguishing media**

water jet

5.2 Special hazards arising from the substance or mixture**Hazardous combustion products**nitrogen oxides (NO_x), carbon monoxide (CO), carbon dioxide (CO₂)**5.3 Advice for firefighters**

In case of fire and/or explosion do not breathe fumes. Co-ordinate firefighting measures to the fire surroundings. Do not allow firefighting water to enter drains or water courses. Collect contaminated firefighting water separately. Fight fire with normal precautions from a reasonable distance.

SECTION 6: Accidental release measures**6.1 Personal precautions, protective equipment and emergency procedures****For non-emergency personnel**

Remove persons to safety.

For emergency responders

Wear breathing apparatus if exposed to vapors/dust/aerosols/gases.

6.2 Environmental precautions

Keep away from drains, surface and ground water. Retain contaminated washing water and dispose it.

6.3 Methods and material for containment and cleaning up**Advices on how to contain a spill**

Covering of drains.

Advices on how to clean up a spill

Wipe up with absorbent material (e.g. cloth, fleece). Collect spillage (sawdust, kieselgur (diatomite), sand, universal binder).

Appropriate containment techniques

Use of adsorbent materials.

Other information relating to spills and releases

Place in appropriate containers for disposal. Ventilate affected area.

6.4 Reference to other sections

Hazardous combustion products: see section 5. Personal precautions: see section 8. Incompatible materials: see section 10. Disposal considerations: see section 13.

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Revision date: 06/01/2015

SECTION 7: Handling and storage**7.1 Precautions for safe handling****Recommendations****Measures to prevent fire as well as aerosol and dust generation**

Use local and general ventilation. Use only in well-ventilated areas.

Advice on general occupational hygiene

Wash hands after use. Do not to eat, drink and smoke in work areas. Remove contaminated clothing and protective equipment before entering eating areas. Never keep food or drink in the vicinity of chemicals. Never place chemicals in containers that are normally used for food or drink. Keep away from food, drink and animal feedingstuffs.

7.2 Conditions for safe storage, including any incompatibilities**Managing of associated risks****Incompatible substances or mixtures**

Observe compatible storage of chemicals.

Control of the effects**Protect against external exposure, such as**

frost

7.3 Specific end use(s)

See section 16 for a general overview.

SECTION 8: Exposure controls/personal protection**8.1 Control parameters****National limit values****Occupational exposure limit values (Workplace Exposure Limits)****Relevant DNELs/DMELs/PNECs and other threshold levels**

No data available.

8.2 Exposure controls**Appropriate engineering controls**

General ventilation.

Individual protection measures (personal protective equipment)**Eye/face protection**

Wear eye/face protection.

Skin protection**• hand protection**

Wear suitable gloves. Chemical protection gloves are suitable, which are tested according to EN 374. Check leak-tightness/impermeability prior to use. In the case of wanting to use the gloves again, clean them before taking off and air them well. For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves.

Revision date: 06/01/2015

• other protection measures

Take recovery periods for skin regeneration. Preventive skin protection (barrier creams/ointments) is recommended. Wash hands thoroughly after handling.

Respiratory protection

In case of inadequate ventilation wear respiratory protection.

Environmental exposure controls

Use appropriate container to avoid environmental contamination. Keep away from drains, surface and ground water.

SECTION 9: Physical and chemical properties**9.1 Information on basic physical and chemical properties****Appearance**

Physical state	liquid
Color	different
Odor	fresh

Other physical and chemical parameters

pH (value)	9.5
Melting point/freezing point	not determined
Initial boiling point and boiling range	not determined
Flash point	not determined
Evaporation rate	not determined
Flammability (solid, gas)	not relevant (fluid)
Explosive limits	not determined
Vapor pressure	not determined
Density	not determined
Relative density	not determined
Solubility(ies)	not determined
Auto-ignition temperature	not determined
Viscosity	not determined
Explosive properties	none
Oxidizing properties	none

SECTION 10: Stability and reactivity**10.1 Reactivity**

Concerning incompatibility: see below "Conditions to avoid" and "Incompatible materials".

Revision date: 06/01/2015

10.2 Chemical stability

See below "Conditions to avoid".

10.3 Possibility of hazardous reactions

No known hazardous reactions.

10.4 Conditions to avoid

There are no specific conditions known which have to be avoided.

Physical stresses which might result in a hazardous situation and have to be avoided

strong shocks

10.5 Incompatible materials

There is no additional information.

10.6 Hazardous decomposition products

Reasonably anticipated hazardous decomposition products produced as a result of use, storage, spill and heating are not known. Hazardous combustion products: see section 5.

SECTION 11: Toxicological information**11.1 Information on toxicological effects**

Test data are not available for the complete mixture.

Classification procedure

The method for classification of the mixture is based on ingredients of the mixture (additivity formula).

Classification acc. to OSHA "Hazard Communication Standard" (29 CFR 1910.1200)**Acute toxicity**

Shall not be classified as acutely toxic.

Skin corrosion/irritation

Shall not be classified as corrosive/irritant to skin.

Serious eye damage/eye irritation

Causes serious eye irritation.

Respiratory or skin sensitization

Shall not be classified as a respiratory or skin sensitizer.

Summary of evaluation of the CMR properties

Shall not be classified as germ cell mutagenic, carcinogenic nor as a reproductive toxicant.

Carcinogenicity

- National Toxicology Program (United States): none of the ingredients are listed
- IARC Monographs none of the ingredients are listed

Specific target organ toxicity (STOT)

Shall not be classified as a specific target organ toxicant.

Aspiration hazard

Shall not be classified as presenting an aspiration hazard.

Revision date: 06/01/2015

SECTION 12: Ecological information**12.1 Toxicity**

Shall not be classified as hazardous to the aquatic environment.

Biodegradation

The relevant substances of the mixture are readily biodegradable.

12.2 Persistence and degradability

Data are not available.

12.3 Bioaccumulative potential

Data are not available.

12.4 Mobility in soil

Data are not available.

12.5 Results of PBT and vPvB assessment

Data are not available.

12.6 Other adverse effects

Data are not available.

SECTION 13: Disposal considerations**13.1 Waste treatment methods****Sewage disposal-relevant information**

Do not empty into drains. Avoid release to the environment. Refer to special instructions/safety data sheets.

Waste treatment of containers/packages

Completely emptied packages can be recycled. Handle contaminated packages in the same way as the substance itself.

Remarks

Please consider the relevant national or regional provisions. Waste shall be separated into the categories that can be handled separately by the local or national waste management facilities.

SECTION 14: Transport information

- | | | |
|-------------|--|--|
| 14.1 | UN number | (not subject to transport regulations) |
| 14.2 | UN proper shipping name | not relevant |
| 14.3 | Transport hazard class(es) | |
| | Class | |
| 14.4 | Packing group | not relevant |
| 14.5 | Environmental hazards | none (non-environmentally hazardous acc. to the dangerous goods regulations) |
| 14.6 | Special precautions for user | |
| | There is no additional information. | |
| 14.7 | Transport in bulk according to Annex II of MARPOL and the IBC Code | |
| | The cargo is not intended to be carried in bulk. | |

Revision date: 06/01/2015

SECTION 15: Regulatory information**15.1 Safety, health and environmental regulations specific for the product in question****National regulations (United States)****Industry or sector specific available guidance(s)****NPCA-HMIS® III**

Hazardous Materials Identification System (American Coatings Association)

Category	Rating	Description
Chronic	/	None.
Health	2	Temporary or minor injury may occur.
Flammability	1	Material that must be preheated before ignition can occur.
Physical hazard	0	Material that is normally stable, even under fire conditions, and will not react with water, polymerize, decompose, condense, or self-react. Non-explosive.
Personal protective equipment	-	

NFPA® 704

National Fire Protection Association: Standard System for the Identification of the Hazards of Materials for Emergency Response (United States)

Category	Degree of hazard	Description
Flammability	1	Material that must be preheated before ignition can occur.
Health	0	Material that, under emergency conditions, would offer no hazard beyond that of ordinary combustible material.
Instability	0	Material that is normally stable, even under fire conditions.
Special hazard		

Relevant European Union (EU) safety, health and environmental provisions**Classification according to GHS (1272/2008/EC, CLP)****Hazard class**

serious eye damage/eye irritation

Category Hazard class and category

2 (Eye Irrit. 2)

SECTION 16: Other information, including date of preparation or last revision**Abbreviations and acronyms**

Abbr.	Descriptions of used abbreviations
CAS	Chemical Abstracts Service (service that maintains the most comprehensive list of chemical substances)
CLP	Regulation (EC) No 1272/2008 on classification, labeling and packaging of substances and mixtures
CMR	Carcinogenic, Mutagenic or toxic for Reproduction
DMEL	Derived Minimal Effect Level
DNEL	Derived No-Effect Level
GHS	"Globally Harmonized System of Classification and Labelling of Chemicals" developed by the United Nations
HMIS	Hazardous Materials Identification System
IARC Mono-graphs	IARC Monographs on the Evaluation of Carcinogenic Risks to Humans

C.P.H

Revision date: 06/01/2015

Abbr.	Descriptions of used abbreviations
MARPOL	International Convention for the Prevention of Pollution from Ships (abbr. of "Marine Pollutant")
NFPA® 704	National Fire Protection Association: Standard System for the Identification of the Hazards of Materials for Emergency Response (United States)
NPCA-HMIS® III	National Paint and Coatings Association: Hazardous Materials Identification System - HMIS® III, Third Edition
OSHA	Occupational Safety and Health Administration (United States)
PBT	Persistent, Bioaccumulative and Toxic
PNEC	Predicted No-Effect Concentration
vPvB	very Persistent and very Bioaccumulative

Key literature references and sources for data

- OSHA Hazard Communication Standard (HCS), 29 CFR 1910.1200
- 49 CFR § 172.101 Hazardous Materials Table (DOT)

Classification procedure

Physical and chemical properties: The classification is based on tested mixture.

Health hazards/Environmental hazards: The method for classification of the mixture is based on ingredients of the mixture (additivity formula).

List of relevant phrases (code and full text as stated in chapter 2 and 3)

Code	Text
H319	causes serious eye irritation

Disclaimer

This information is based upon the present state of our knowledge. This SDS has been compiled and is solely intended for this product.



Conforms to OSHA HazCom 2012 Standard and WHMIS

SAFETY DATA SHEET

Section 1: IDENTIFICATION

1.1 PRODUCT IDENTIFIER

Product Name: Aqua Mix® Sealer and Coating Remover

Product Code: Not Available

1.2 RECOMMENDED USE OF CHEMICAL AND RESTRICTIONS ON USE

Product Use: Coating Remover

1.3 DETAILS OF THE SUPPLIER OF THE SAFETY DATA SHEETS

Name/Address: Custom Building Products
3490 Piedmont Road, Suite 1300
Atlanta, GA 30329

Telephone Number: (562)-598-8808

1.4 EMERGENCY TELEPHONE NUMBER

Emergency Telephone Number: INFOTRAC 1-800-535-5053 (US and Canada)
INTERNATIONAL + 1-352-323-3500

Section 2: HAZARD(S) IDENTIFICATION

2.1 CLASSIFICATION OF THE CHEMICAL IN ACCORDANCE WITH PARAGRAPH (d) OF 29 CFR

1910.1200 (OSHA HAZCOM2012)

Flammable Liquid	Category 4
Eye Irritation	Category 2B
Skin Irritation	Category 2
Acute Toxicity	Category 4 (Oral, Inhalation)

2.2 LABEL ELEMENTS ACCORDING TO OSHA HAZCOM2012

2.2a SIGNAL WORD:
DANGER!

2.2b HAZARD STATEMENTS
Combustible Liquid
Causes eye irritation
Causes skin irritation
Harmful if swallowed

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Harmful if inhaled

2.2c HAZARD PICTOGRAMS



2.2d PRECAUTIONARY STATEMENTS

<p>i. PREVENTION</p>	<p>Keep away from heat/sparks/open flames/hot surfaces. No smoking. Keep container tightly closed. Avoid breathing dust/fume/gas/mist/vapors/spray. Use only outdoor OR in a well ventilated area. Take precautionary measures against discharge. Wash hands thoroughly after handling. Do not eat, drink, or smoke when using this product. Wear impervious gloves/protective clothing/eye protection. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood</p>
<p>ii. RESPONSE</p>	<p>f swallowed: Immediately call a poison center/doctor. Rinse mouth. Do NOT induce vomiting. If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. Wash contaminated clothing before reuse. Immediately call a poison center/doctor. If inhaled: Remove person to fresh air and keep comfortable for breathing. Immediately call a poison center/doctor. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a poison center/doctor. If exposed or concerned: Get medical advice/attention</p>
<p>iii. STORAGE</p>	<p>Store in a well-ventilated place. Keep container tightly closed. Store locked up.</p>
<p>iv. DISPOSAL</p>	<p>Dispose of contents/containers in accordance with all local, state, provincial, and federal regulations.</p>

2.3 ADDITIONAL INFORMATION

2.3a HNOX – HAZARDS NOT OTHERWISE CLASSIFIED

Not applicable

2.3b UNKNOWN ACUTE TOXICITY

0% of the mixture consists of ingredient(s) of unknown acute toxicity.

2.3c WHMIS CLASSIFICATION

Class B – Combustible Liquid

Class D2B – Skin/Eye Irritant

CG B

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2.3d LABEL ELEMENTS ACCORDING TO WHMIS

i. WHMIS HAZARD SYMBOLS



ii. SIGNAL WORD CAUTION

Section 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 MIXTURES

Chemical Name	CAS Number	Weight %
Ethylene glycol monobutyl ether	111-76-2	10 – 30%*
Dimethyl glutarate	1119-40-0	10 – 30%*
Ethyl 3-ethoxypropionate	763-69-9	10 – 30%*
Dimethyl adipate	627-93-0	5– 10%*
Dimethyl succinate	106-65-0	5– 10%*

*Means that the component will fall into one the ranges specified due to batch-to-batch variability.

Section 4: FIRST-AID MEASURES

4.1 DESCRIPTION OF THE FIRST-AID MEASURES

ROUTES OF EXPOSURE	DESCRIPTION
Eye Contact:	In case of contact, immediately flush eyes with plenty of water for several minutes. If easy to do, remove contact lenses, if worn. Get medical attention immediately.
Skin Contact:	In case of contact, immediately flush skin with plenty of water. Remove contaminated clothing and shoes. Wash clothing before reuse. Call a physician if irritation develops and persists.
Inhalation:	If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical advice/attention if you feel unwell.
Ingestion:	If swallowed, do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Get medical advice/attention.

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4.2 MOST IMPORTANT SYMPTOMS/EFFECTS, ACUTE AND DELAYED

ROUTES OF EXPOSURE	DESCRIPTION
Eye Contact:	Causes eye irritation. Symptoms may include discomfort or pain, excess blinking and tear production, with marked redness and swelling of the conjunctiva.
Skin Contact:	Causes skin irritation. Handling can cause dry skin, discomfort, irritation, and dermatitis.
Inhalation:	Harmful if inhaled. May cause respiratory tract irritation.
Ingestion:	May be harmful if swallowed. Ingestion may cause discomfort and/or distress, nausea or vomiting.

4.3 INDICATION OF IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED

Not applicable

Section 5: FIRE-FIGHTING MEASURES

5.1 FLAMMABILITY

Flammability: Flammable by WHMIS/OSHA HAZCOM2012 Criteria

5.2 EXTINGUISHING MEDIA

5.2a. Suitable Extinguishing Media:
Powder, foam, carbon dioxide

5.2b. Unsuitable Extinguishing Media:
Water

5.3 SPECIFIC HAZARDS ARISING FROM THE CHEMICAL

5.3a. Products of Combustion:
May include, and are not limited to: oxides of carbon

5.3b. Explosion Data

- i. **Sensitivity to Mechanical Impact:**
Not available.
- ii. **Sensitivity to Static Discharge:**

CG 10

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Not available.

Section 6: ACCIDENTAL RELEASE MEASURES

6.1 PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT, AND EMERGENCY PROCEDURES

Use personal protection recommended in Section 8. Isolate the hazard area and deny entry to unnecessary and unprotected personnel.

6.2 METHODS AND MATERIALS FOR CONTAINMENT AND CLEANING UP

Methods for Containment: Recover all usable material. Do not flush to sewer or allow to enter waterways. Use appropriate Personal Protective Equipment (PPE).

Methods for Cleaning-Up: Dispose of unwanted material properly in accordance with all local, regional, national and international regulations.

Section 7: HANDLING AND STORAGE

7.1 PRECAUTIONS FOR SAFE HANDLING

Handling: Use in well-ventilated areas. Wear impervious gloves, such as nitrile, and eye protection. Do not mix with other chemical products, except as indicated by the manufacturers. Do not get in eyes. Do not get on skin or clothing. Do not breathe fumes. Do not take internally. Good housekeeping is important to prevent accumulation of dust.

General Hygiene Advice: Use good industrial hygiene practices and wear recommended personal protection. Launder contaminated clothing before reuse. Wash hands before eating, drinking, or smoking.

7.2 CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES

Storage: **Keep out of the reach of children.** Keep container tightly closed. Store at room temperature and keep containers closed when not in use. Avoid any dust buildup by frequent cleaning and suitable construction of the storage area. Keep dry until use.

Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 CONTROL PARAMETER

Chemical Name	OSHA-PEL	ACGIH-TLV
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Ethylene glycol monobutyl ether	50 ppm	50 ppm
Dimethyl glutarate	Not Available	Not Available
Ethyl 3-ethoxypropionate	Not Available	Not Available
Dimethyl adipate	Not Available	Not Available
Dimethyl succinate	Not Available	Not Available

8.2 EXPOSURE CONTROLS

Engineering Controls: Use ventilation adequate to keep exposures (airborne levels of dust, fume, vapor, etc.) below recommended exposure limits.

8.3 INDIVIDUAL PROTECTION MEASURES

8.3a. Personal Protective Equipment:

- i. **Eye/Face Protection:** Wear approved eye protection [properly fitted dust- or splash-proof chemical safety goggles/face (face shield)]
- ii. **Skin Protection:**
 - 1. **Hand Protection:** Wear impervious gloves, such as nitrile.
 - 2. **Body Protection:** Wear suitable protective clothing
- iii. **Respiratory Protection:** A NIOSH approved dust mask or filtering face piece is recommended in poorly ventilated areas or when permissible exposure limits may be exceeded. Respirators should be selected by and used under the direction of a trained health and safety professional following requirements found in OSHA's respirator standard (29 CFR 1910.134) and ANSI's standard for respiratory protection (Z88.2).
- iv. **General Health and Safety Measures:** Handle according to established industrial hygiene and safety practices.

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance (physical state, color, etc.):	Clear
Odor:	Characteristic
Odor Threshold:	Not available
pH:	4 -5
Melting point/Freezing point:	Not available
Initial boiling point and boiling range:	Not available
Flash point:	~ 64.5 °C (~ 148 °F)
Evaporation rate (Water=1):	Not available
Flammability:	Flammable
Upper Flammability/Explosive Limit:	Not available

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Lower Flammability/Explosive Limit:	Not available
Vapor Pressure	Not available
Vapor Density:	Not available
Relative Density:	0.98 g/cc
Solubility in Water:	Negligible
Partition coefficient: n-octanol/water:	Not available
Auto-ignition temperature:	Not available
Decomposition Temperature:	Not available
Viscosity (cps):	Not available
VOC Content:	49% or 229 g/L

Section 10: STABILITY AND REACTIVITY

10.1. REACTIVITY

No dangerous reaction known under conditions of normal use.

10.2. CHEMICAL STABILITY

Stable under normal storage conditions. Keep dry in storage.

10.3. POSSIBILITY OF HAZARDOUS REACTION

No dangerous reaction known under conditions of normal use.

10.4. CONDITIONS TO AVOID

Heat. Incompatible materials.

10.5. INCOMPATIBLE MATERIALS

Strong acids. Strong Oxidizers.

10.6. HAZARDOUS DECOMPOSITION PRODUCTS

Upon decomposition, this product may yield oxides of carbon.

Section 11: TOXICOLOGICAL INFORMATION

11.1. LIKELY ROUTES OF EXPOSURE:

Skin contact, eye contact, inhalation, and ingestion.

ATE calculation:

Oral 1600 mg/kg

Inhalation ~20mg/L

Chemical Name	LD50 (oral)	LC50
Ethylene glycol monobutyl ether	470 mg/kg	700 mg/L
Dimethyl glutarate	8191 mg/kg	5.6 mg/L
Ethyl 3-ethoxypropionate	3200 mg/kg	1000 mg/L
Dimethyl adipate	1920 mg/kg	10.7 mg/L
Dimethyl succinate	5000 mg/kg	10.7 mg/L

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11.2. SYMPTOMS RELATED TO PHYSICAL/CHEMICAL/TOXICOLOGICAL CHARACTERISTICS:

- Eye Contact:** Causes eye irritation. Symptoms may include discomfort or pain, excess blinking and tear production, with marked redness and swelling of the conjunctiva.
- Skin Contact:** Causes skin irritation. Handling can cause dry skin, discomfort, irritation, and dermatitis.
- Inhalation:** Harmful if inhaled. May cause respiratory tract irritation.
- Ingestion:** Harmful if swallowed. Ingestion may cause discomfort and/or distress, nausea or vomiting.

11.3. DELAYED, IMMEDIATE, AND CHRONIC EFFECTS OF SHORT AND LONG-TERM EXPOSURE

SHORT-TERM	
Skin Corrosion/Irritation:	Causes skin irritation
Serious Eye Damage/Irritation:	Causes eye irritation
Respiratory Sensitization:	Not classified
Skin Sensitization:	Not classified
STOT-Single Exposure:	Not classified
Aspiration Hazard:	Not classified
LONG-TERM	
Carcinogenicity:	Not classified
Germ Cell Mutagenicity:	Not classified
Reproductive Toxicity:	Not classified
STOT-Repeated Exposure:	Not classified
Synergistic/Antagonistic Effects:	Not classified

Section 12: ECOLOGICAL INFORMATION

12.1. ECOTOXICITY

No additional information available

12.2. PERSISTENCE AND DEGRADABILITY

Not available

12.3. BIOACCUMULATIVE POTENTIAL

Not available

12.4. MOBILITY IN SOIL

Not available

SAFETY DATA SHEET

12.5. OTHER ADVERSE EFFECTS

Not available

Section 13: DISPOSAL CONSIDERATIONS

13.1. DISPOSAL METHOD

Dispose of contents/containers in accordance with all local, state, provincial, and federal regulations

13.2. OTHER DISPOSAL CONSIDERATIONS

Not available

Section 14: TRANSPORT INFORMATION

DOT (U.S.)	TDG (CANADA)
UN NUMBER: NA1993	UN NUMBER: Not regulated
UN PROPER SHIPPING NAME: Combustible Liquid, n.o.s. (Ethylene Glycol Monobutyl Ether)	UN PROPER SHIPPING NAME: Not regulated
TRANSPORT HAZARD CLASS (ES): 3	TRANSPORT HAZARD CLASS (ES): Not regulated
PACKING GROUP (if applicable): III	PACKING GROUP (if applicable): Not regulated

14.1. ENVIRONMENTAL HAZARDS

Not available

14.2. TRANSPORT IN BULK ACCORDING TO ANNEX II OF MARPOL 73/78 AND THE IBC CODE

Not available

14.3. SPECIAL PRECAUTIONS FOR USER

Do not handle until all safety precautions have been read and understood.

Section 15: REGULATORY INFORMATION

15.1 U.S Federal Regulations

All components of this product are listed on the Toxic Substances Control Act (TSCA) inventory

CG I

SAFETY DATA SHEET

This product or mixture does not contain a toxic chemical or chemicals in excess of the applicable concentration as specified in 40 CFR §372.38(a) subject to the reporting requirements of section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372.

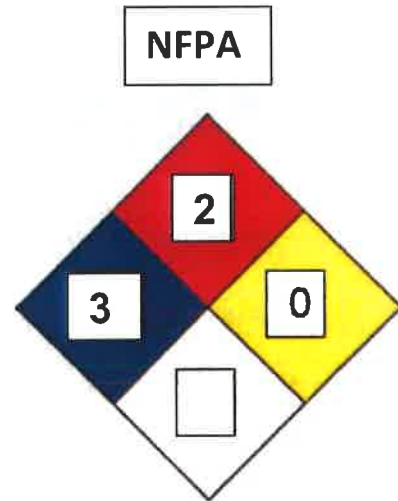
15.2 U.S State Regulation:

California Proposition 65: This product does NOT contain any substances known to the state of California to

cause cancer and/or reproductive harm












NFPA AND HMIS RATINGS:

<p align="center">HEALTH HAZARD</p> <p>4 EXTREME - Highly toxic. May be fatal on short term exposure.</p> <p>3 SERIOUS - Toxic. Full protective suit and breathing apparatus should be worn.</p> <p>2 MODERATE - Breathing apparatus and face mask must be worn.</p> <p>1 SLIGHT - Breathing apparatus may be worn.</p> <p>0 MINIMAL - No precautions necessary.</p>	<p align="center">FLAMMABILITY HAZARD</p> <p>4 EXTREME - Extremely flammable gas or liquid. Flash Point below 73°F.</p> <p>3 SERIOUS - Flammable. Flash Point 73°F to 100°F.</p> <p>2 MODERATE - Combustible. Requires moderate heating to ignite. Flash Point below 200°F.</p> <p>1 SLIGHT - Slightly combustible. Requires strong heating to ignite.</p> <p>0 MINIMAL - Will not burn under normal conditions.</p>
<p align="center">SPECIFIC HAZARD</p> <p>OXIDIZER OXY</p> <p>ACID ACID</p> <p>ALKALI ALK</p> <p>CORROSIVE COR</p> <p>Use NO WATER W</p> <p>RADIATION ☢</p>	<p align="center">INSTABILITY HAZARD</p> <p>4 EXTREME - Explosive at room temperature.</p> <p>3 SERIOUS - May detonate if shocked or heated under confinement or mixed with water.</p> <p>2 MODERATE - Unstable. May react with water.</p> <p>1 SLIGHT - May react if heated or mixed with water.</p> <p>0 MINIMAL - Normally stable. Does not react with water.</p>



HMIS

Hazard Index	
4	Severe Hazard
3	Serious Hazard
2	Moderate Hazard
1	Slight Hazard

<p align="center">3 HEALTH</p>	PROTECTIVE EQUIPMENT INDEX	
<p align="center">2 FLAMMABILITY</p>	A 	G 
<p align="center">0 REACTIVITY</p>	B 	H 
<p align="center">0 PERSONAL PROTECTION</p>	C 	I 
<p align="center">G</p>	D 	J 
	E 	K 
	F 	X Ask your supervisor for special handling instructions

CG 15

SAFETY DATA SHEET

SOURCE AGENCY CARCINOGEN CLASSIFICATIONS:

CP65	California Proposition 65
OSHA (O)	Occupational Safety and Health Administration
ACGIH (G)	American Conference of Governmental Industrial Hygienists <ul style="list-style-type: none"> • A1 – Confirmed human carcinogen • A2 – Suspected human carcinogen • A3 – Animal carcinogen • A4 – Not classifiable as a human carcinogen • A5 – Not suspected a human carcinogen
IARC (I)	International Agency for Research on Cancer <ul style="list-style-type: none"> • 1 – The agent (mixture) is carcinogenic to humans • 2A – The agent (mixture) is probably carcinogenic to humans; there is limited evidence of carcinogenicity in humans and sufficient evidence of carcinogenicity in experimental animals. • 2B – The agent (mixture) is possibly carcinogenic to humans; there is limited evidence of carcinogenicity in humans in the absence of sufficient evidence of carcinogenicity in experimental animals. • 3 – The agent (mixture, exposure circumstance) is not classifiable as to its carcinogenicity to humans. • 4 – The agent (mixture, exposure circumstance) is probably not carcinogenic to humans.
NTP (N)	National Toxicology Program <ul style="list-style-type: none"> • 1 – Known to be carcinogens • 2 – Reasonably anticipated to be carcinogens

Section 16: OTHER INFORMATION

Date of Preparation: June 1, 2015

Version: 1.0

Revision Date: N/A

Disclaimer: The information and recommendations contained herein are based upon data believed to be correct. However, no guarantee or warranty of any kind, express or implied, is made with respect to the information contained herein. We accept no responsibility and disclaim all liability for any harmful effects which may be caused by exposure to silica contained in our products.

Prepared by: Custom Building Products
Phone: (562)-968-2980
www.custombuildingproducts.com

End of Safety Data Sheet

CO 11



FEATURES

BENEFITS

VERIFICATION

Government Registered

All label claims approved by the EPA:
Kills over 99.99% of germs* on hard surfaces in commercial, residential & medical applications.
No PPE required.
Botanical ingredients.

EPA Reg.# 74771-1

Broad Spectrum of Efficacy

*Kills over 99.99% of:
Bacteria (Gram +ve & -ve)
Fungi
TB (Tuberculosis)
HIV-1 (Human Immunodeficiency Virus)
Odor - causing microorganisms

EPA label

No Rinse or Wipe Required on Construction Materials

No harmful residue that must be removed.
Save an entire labor step & save money.
Finish jobs faster.
Reduce your liability.

EPA label
MSDS
Bureau of Chemical Safety
CFIA S432

Food Grade Ingredients

Unprecedented safety profile.
LD50 (Oral, Rat) of >14,000 mg/kg (less toxic than vinegar).
Ingredients listed as Generally Recognized as Safe or as Food Additives by the FDA.
EPA Category IV Toxicity (safest rating allowed) for all routes of exposure:
Inhalation, Dermal, Eye & Ingestion.
Non-hazardous by OSHA/WHMIS criteria.

Toxicity & Chemical Analysis
EPA label
MSDS

HMIS Hazard Ratings	
HEALTH	0
FLAMMABILITY	0
REACTIVITY	0

No Warnings or PPE Required

Reduced liability.
The only Botanical Disinfectant in North America & with no warnings, first aid, precautionary statements, special handling or PPE requirements on the label.
The sensible choice for employees & clients.

EPA label
MSDS

Ready To Use Formula

Consistent efficacy performance, every time.
Eliminate complex dilution instructions.
Control portions.
Consistent health & safety profile.

EPA label

Environmentally Certified

Made from botanical, pure, renewable, patented plant extract ingredients.
No synthetic fragrances, dyes, ammonia or chlorine.

Ecologo ECP05029 (CCD-146)
Patented worldwide

Excellent Marketability

Differentiate your business as the safest choice for higher risk clients, those with: children, pets, elderly family, asthma, respiratory illness or chemical sensitivities.

Distributors

www.Benefect.com

C3A



Product Data

Benefect® BROAD SPECTRUM DISINFECTANT

PRODUCT DESCRIPTION

Botanical Disinfectant, Fungicide, Virucide*,
Tuberculocide, Cleaner and Deodorizer
Product Number: 20475

HMIS RATING	
HEALTH	0
FLAMMABILITY	0
REACTIVITY	0

Benefect® Disinfectant is the first and only Botanical Hospital Disinfectant and Fungicide registered with the E.P.A. for control against gram-negative and gram-positive bacteria (*Salmonella choleraesuis*, *Staphylococcus aureus* & *Pseudomonas aeruginosa*), fungi (*Trichophyton mentagrophytes*), *viruses (HIV-1, the AIDS virus) and tuberculosis (*Mycobacterium tuberculosis*).

Benefect is EPA registered as a No Rinse No Wipe product. Just spray and walk away.™ There are no label warnings or precautionary statements for use or disposal. Personal Protective Equipment is not required, making Benefect Disinfectant the safest choice for home and business owners and your employees.

Ideal for many applications including grey or black water damage, mold remediation, body cleanup, carpet deodorizing and anywhere else germs or odor control is required. Very effective on organic matter. Used by industry leading professionals since 2000. Do the job right... the first time.

Benefect is also suitable for nursing homes, hospitals, schools, universities, health clubs, boarding or breeding kennels, sports equipment, food preparation facilities, or any other residential commercial or medical application where high risk or chemically-sensitive individuals may be present.

PHYSICAL PROPERTIES

- **Packaged:** 1.0 gallon jug
- **Weight per Gallon:** 8.5 lbs.
- **Appearance:** Light tan
- **Odor:** Lemon & clove
- **Flash Point:** (°C, TCC): None
- **pH:** 5.0 – 6.0
- **PPE:** NONE Required
- **Shelf Life:** 2 years
- **EPA Reg. Number:** 74771-1
- **Electrical Charge:** Non-anionic
- **Coverage per Gallon:** 1000-1200 square feet
- **Active Ingredients:** Thymol (present as a component of Thyme oil)

CB

APPLICATIONS

Water Damage Restoration: This product is ideal for restoration contractors to disinfect any hard, non-porous surface such as contaminated water damaged construction materials. It also controls & inhibits odor causing water-borne bacteria, mold & other odor causing organisms on a variety of porous and semi-porous materials including: wood studding, subfloors, trim, lumber, tack strips, concrete and paneling. Also suitable for deodorizing such surfaces as carpeting, carpet under-pad and other semi-porous furnishings. Wet the surface with the spray and leave for 10 minutes. Do not rinse or wipe away.

Grey or Black Water (Sewage) Damage: Do not dilute this ready-to-use product. Pre-clean the surface first. Wet the surface with the spray and leave for 10 minutes. Do not rinse or wipe away.

Mold Remediation: Best used as a wipe application to remove surface molds and as a spray after remediation procedure is complete to control any remaining molds. Should be used with proper remediation protocols as all molds should be removed from affected areas to ensure health and safety of building occupants.

APPLICATION PROCEDURES

TO CLEAN: 1. Shake well, apply Benefect & wipe away.

TO DISINFECT: 1. Shake well and pour Benefect into appropriate chemical pump sprayer, cold fogger or pressurized sprayer. **2. Wet the surface** with Benefect (testing for compatibility first is always recommended). **3. Leave for 10 minutes;** allow to air dry. No rinsing or wiping is required.

TO DEODORIZE: 1. Shake well, apply Benefect and allow to air dry.

EFFECTS OF ACUTE EXPOSURE: None known

Eye: No effect as per FIFRA CFR 10 Part 162.10

Skin: No effect as per FIFRA CFR 10 Part 162.10

Ingestion: No effect as per FIFRA CFR 10 Part 162.10

Inhalation: No effect as per FIFRA CFR 10 Part 162.10

STORAGE: Store airtight at room temperature.

WASTE DISPOSAL: No special handling or disposal instructions. Dispose of in accordance with federal, state, and local government requirements prior to disposal. Recycle empty container.

DISCLAIMER: The information contained herein is believed to be accurate and also represents the best information obtained by the manufacturer and recognized technical sources. Health and safety precautions in this data sheet may not be adequate for all individuals and product uses. It is the user's obligation to evaluate the information contained in this sheet along with the safe uses of the product. Good personal hygienic practices should be followed. Sensible Life Products assumes no responsibility for injury or damage from the use of Benefect Broad Spectrum Disinfectant that in any way differs from what is provided in the label directions.

Benefect[®] Disinfectant is manufactured by:
Sensible Life Products (div. of LBD Ltd.) 7 Innovation Dr., ON CA L9H 7H9
Toll Free: (800) 909-2813 Telephone: (905) 690-7474 Fax: (905) 690-7575
www.Benefect.com

CBC

MATERIAL SAFETY DATA SHEET

SECTION I – PRODUCT IDENTIFICATION

Product Name: Benefect® Broad Spectrum Disinfectant
Product Use: Disinfectant
Regulatory Class: Registered Product – EPA # 74771-1
D.O.T. Classification: Not Regulated
TDG Classification: Not Regulated
Manufacturer: Sensible Life Products (div. of LBD Ltd.)
Address: 7 Innovation Drive, Flamborough, Ontario L9H 7H9
Telephone: (905) 690-7474
Emergency Phone: (905) 690-7474

HEALTH	0
FLAMMABILITY	0
REACTIVITY	0

SECTION II – ACTIVE INGREDIENTS

Ingredients	CAS#	WT%	ACGIH-TLV	LC ₅₀	LD ₅₀
Oils, thyme	8007-46-3	0.1 – 1	None established	Not available	4700 mg/kg oral, rat

SARA – Section 313 (Toxic Chemical Release Reporting) 40 CFR 372 – No ingredients above reportable quantities.
Toxic Substances Control Act (TSCA) – All the ingredients are listed or exempt from listing on the Chemical Substance Inventory.
California Proposition 65 – No ingredients listed.

SECTION III – PHYSICAL AND CHEMICAL DATA

Boiling Point (°C): As for water
Vapor Pressure (mm Hg): Not applicable
Vapor Density (Air = 1): Not applicable
Solubility in Water: Some separation occurs, agitation required.
Physical State: Liquid
Appearance: Light tan

Specific Gravity (H₂O=1): 1.00-1.02
% Volatile (Wt%): Not applicable
Evaporation Rate: As per water
pH (100%): 5.0 – 6.0
Viscosity: As per water
Odor: Lemon – spice

SECTION IV – FIRE AND EXPLOSION DATA

Flammability: Not flammable by OSHA criteria
Flash Point (°C, TCC): None to boil
Hazardous Combustion Products: None
Auto-ignition Temperature: Non-combustible

LEL: Not applicable
UEL: Not applicable

SECTION V – REACTIVITY DATA

Conditions for Chemical Instability: Stable
Incompatible Materials: Not known
Reactivity, and Under What Conditions: As for water
Hazardous Decomposition Products: None

C3D

SECTION VI – TOXICOLOGICAL PROPERTIES

Route of Entry: Skin most likely

EFFECTS OF ACUTE EXPOSURE: None known

Eye: No effect as per FIFRA CFR 10 Part 162.10

Skin: No effect as per FIFRA CFR 10 Part 162.10

Ingestion: No effect as per FIFRA CFR 10 Part 162.10

Inhalation: No effect as per FIFRA CFR 10 Part 162.10

EFFECTS OF CHRONIC EXPOSURE:

Skin: No data available

Irritancy: Non-hazardous by OSHA criteria

Respiratory Tract Sensitization: No data available

Carcinogenicity: Non-hazardous by OSHA criteria

Teratogenicity, Mutagenicity, Reproductive Effects: No data available

Synergistic Materials: Not available

SECTION VII – PREVENTATIVE MEASURES

Gloves: None required

Eye Protection: None required

Respiratory Protection: None required

Other Protective Equipment: None required by OSHA or NIOSH

Engineering Controls: General ventilation adequate

Leak and Spill Procedure: Before attempting clean up, refer to hazard data given above. Small spills may be absorbed with non-reactive absorbent and placed in suitable, covered, labeled containers.

Prevent extremely large spills from entering sewers or waterways. Contact supplier for advice.

Waste Disposal: In accordance with federal, state, and local government requirements prior to disposal. Recycle empty container.

Storage and Handling Requirements: Store airtight at room temperature. Keep out of the reach of children. No special handling requirements.

SECTION VIII – FIRST AID

If irritation occurs, rinse affected area thoroughly with cool water. If swallowed, drink plenty of water.

SECTION IX – PREPARATION INFORMATION

Date: 2008/07/14

MSDS Prepared by: Sensible Life Products (div. of LBD Ltd.)

Telephone: (905) 690-7474

DISCLAIMER

The information contained herein is believed to be accurate and also represents the best information obtained by the manufacturer and recognized technical sources. Health and safety precautions in this data sheet may not be adequate for all individuals and product uses. It is the user's obligation to evaluate the information contained in this sheet along with the safe uses of the product. Good personal hygienic practices should be followed.

Sensible Life Products assumes no responsibility for injury or damage from the use of Benefect Broad Spectrum Disinfectant that in any way differs from what is provided in the label directions.

MATERIAL SAFETY DATA SHEET

1.	<u>Identification of the substances or preparation and of the company</u>
1.1	Identification of the preparation: Chemtreat - wool fibre
1.2	Company identification: Chemspec Europe Unit 36C, Tong Park Otley Road, Baildon West Yorkshire BD17 7QD UK Tel: 01274 597333 Fax: 01274 597444
1.3	Emergency telephone number, official advisory bodies:
1.3.1	For medical emergency call Chemtrec at 00-1-703 527-3887
2.	<u>Composition/Information on ingredients</u>
2.1	Chemical description:
2.2	Hazardous ingredients: Magnesium Silicofluoride
3.	<u>Hazards identification</u>
3.1	To man: Ingestion can be fatal. Corrosive to eyes and skin (if wet).
3.2	To the environment: None known.
4.	<u>First aid measures</u>
4.1	Inhalation: Remove to fresh air. If symptoms persist consult physician.
4.2	Eye contact: Flush with water for at least 15 minutes.
4.3	Skin contact: Thoroughly wash exposed skin with soap and water.
4.4	Ingestion: Induce vomiting. Consult physician immediately.
4.5	Special: Treatment based on judgment of attending physician.
5.	<u>Fire-fighting measures</u>
5.1	Suitable extinguishing media: Water, foam.
5.2	Extinguishing media which must not be used: None known.
5.3	Special exposure hazards: Will decompose to Hydrofluoric Acid and
5.4	Silicotetrafluoride.
5.4	Special protection equipment for fire-fighters: Self-contained positive pressure breathing apparatus and protective clothing.
6.	<u>Accidental release measures</u>
6.1	Personal precautions: Prevent eye contact. Do not take internally.
6.2	Environmental precautions: None known.
6.3	Methods of cleaning up Scoop up and place in a container. Dispose
6.4	according to local regulations.

7.	<u>Handling and storage</u>	
7.1	Handling:	Prevent eye contact.
7.2	Storage:	Keep container closed to avoid contamination..
7.2.2	Incompatible storage:	None known.
7.2.3	Other:	None known.
8.	<u>Exposure controls/personal protection</u>	
	Please use common sense when handling this product.	
8.1	Respiratory protection:	Use local exhaust or dilution ventilation.
8.2	Hand protection:	Gloves recommended.
8.3	Eye protection:	Safety glasses recommended
8.4	Skin protection:	Use body covered clothing.
8.5	Working hygiene:	Take usual precautions when handling
9.	<u>Physical and chemical properties</u>	
9.1.1	Appearance:	Powder.
9.1.2	Odor:	Low.
9.2	pH (as used):	N/A.
9.3	Boiling point/Boiling range:	N/A.
9.4	Bulk density:	111.5 lbs/ft ³
10.	<u>Stability and reactivity</u>	
10.1	Materials to avoid: Ferrous or Alkaline materials.	
10.2	Hazardous decomposition of materials: See point 5.3.	
11.	<u>Toxicological information</u>	
11.1	Acute oral toxicity: guinea pigs:	200 mg/kg.
11.2	Dermal rabbit:	n. av.
11.3	Inhalation LC50 rat:	n. av.
11.4	Chronic effects:	n. av.
11.5	Sensitization:	n. av.
11.6	Carcinogenicity:	n. ap.
11.7	Mutagenicity:	n. av.
11.8	Reproductive toxicity:	n. ap.
11.9	Narcotic effects:	n. ap.

Chemtreat

12.	<u>Ecological information</u>	
12.1	Water-Hazard class:	None(U.S.)
12.2	Biodegradability:	Biodegradable.
12.3	Bio-accumulation:	n. av.
12.4	Aquatic toxicity:	n. av.
12.5	Other relevant ecological information:	
13.	<u>Disposal</u>	
13.1	Refer to local regulations.	
14.	<u>Transport information:</u>	
	Poison, UN2853.	
15.	<u>Regulations</u>	
15.1	Symbol:	Toxic.
15.2	R-Sentences:	T; R25, C; R38
15.3	S-Sentences:	S2, S26, S39, S46.
16.	Other Information	
DISCLAIMER OF LIABILITY		
The manufacturer and seller warrants that this product conforms to its standard specifications when used according to directions. As the conditions or methods of use are beyond our control, we do not assume any responsibility and expressly disclaim any liability for use of this product. Information contained herein is believed to be true and accurate but all statements or suggestions are made without any warranty, expressed or implied, regarding accuracy of the information, the hazards connected with the use of the material and the results to be obtained from the use thereof.		

n.ap = not applicable

n.av = not available

CHC



Safety Data Sheet

Issue Date: 2-Sept-2014

Revision Date: 2-Sept-2014

Version 1

1. IDENTIFICATION

Product Identifier

Product Name Citrus Slam

Other means of identification

SDS # Citrus Slam
UN/ID No

Recommended use of the chemical and restrictions on use

Recommended Use Industrial Cleaning Compound

Details of the supplier of the safety data sheet

Supplier Address

Newline Industries LLC
1030 West Amelia Street
Suite D
Orlando, FL 32805

Emergency Telephone Number

Company Phone Number 407-480-5464
Emergency Telephone (24 hr) 800-535-5053 Infotrac

2. HAZARDS IDENTIFICATION

Physical State Liquid

Classification

Skin corrosion/irritation	Category 1 Sub-category C
Serious eye damage/eye irritation	Category 1
Aquatic Toxicity, Acute	Category 3
Aquatic Toxicity, Chronic	Category 3

Signal Word

Danger

Hazard Statements

Causes severe skin burns and eye damage
Causes serious eye damage
Harmful to aquatic life with long lasting effects



Precautionary Statements - Prevention

Do not breathe dust/fume/gas/mist/vapors/spray
Wash face, hands and any exposed skin thoroughly after handling
Wear protective gloves/protective clothing/eye protection/face protection
Avoid release to the environment

CFA

Precautionary Statements - Response

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
Immediately call a poison center or doctor/physician

IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower
Wash contaminated clothing before reuse

IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing

Immediately call a poison center or doctor/physician

IF SWALLOWED: rinse mouth. Do NOT induce vomiting

Precautionary Statements - Storage

Store locked up

Precautionary Statements - Disposal

Dispose of contents/container to an approved waste disposal plant

Other Hazards

Harmful to aquatic life with long lasting effects

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No	Weight-%
Nonylphenol, branched, ethoxylated	127087-87-0	5-10
Potassium Hydroxide	1310-58-3	1-5
2-Butoxyethanol	111-76-2	1-5
Sodium Xylene Sulfonate	1300-72-7	1-5
d-Limonene	5989-27-5	1-5
Sodium Tripolyphosphate	7758-29-4	1-5
Tetrasodium EDTA	64-02-8	1-5
Phosphate Ester Surfactant	Proprietary	1-5

If Chemical Name/CAS No is "proprietary" and/or Weight-% is listed as a range, the specific chemical identity and/or percentage of composition has been withheld as a trade secret.

4. FIRST-AID MEASURES

First Aid Measures

Eye Contact	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Seek immediate medical attention/advice.
Skin Contact	Wash off immediately with plenty of water. Take off contaminated clothing. Wash contaminated clothing before reuse.
Inhalation	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a physician or poison control center immediately.
Ingestion	Rinse mouth. Do not induce vomiting.

Most important symptoms and effects

Symptoms	Contact will cause irritation and redness to exposed areas.
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Indication of any immediate medical attention and special treatment needed

Notes to Physician	Treat symptomatically.
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C5B

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable Extinguishing Media Not determined.

Specific Hazards Arising from the Chemical

Non-flammable solution.

Protective equipment and precautions for firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal Precautions Use personal protective equipment as required.

Methods and material for containment and cleaning up

Methods for Containment Prevent further leakage or spillage if safe to do so.

Methods for Clean-Up Keep in suitable, closed containers for disposal.

7. HANDLING AND STORAGE

Precautions for safe handling

Advice on Safe Handling Use personal protection recommended in Section 8. Wash thoroughly after handling. Do not breathe dust/fume/gas/mist/vapors/spray.

Conditions for safe storage, including any incompatibilities

Storage Conditions Keep containers tightly closed in a dry, cool and well-ventilated place. Store locked up.

Incompatible Materials Acids.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
2-Butoxyethanol 111-76-2	TWA: 25 ppm	TWA: 50 ppm	-
Potassium Hydroxide 1310-58-3	2 mg/m ³	2 mg/m ³	-
Sodium Tripolyphosphate 7758-29-4	15 mg/m ³	15 mg/m ³	-

Appropriate engineering controls

Engineering Controls Apply technical measures to comply with the occupational exposure limits.

Individual protection measures, such as personal protective equipment

Eye/Face Protection Tight sealing safety goggles.

- Skin and Body Protection** Wear suitable protective clothing.
- Respiratory Protection** Ensure adequate ventilation, especially in confined areas.
- General Hygiene Considerations** Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical State	Liquid	Odor	Not determined
Appearance	Not determined	Odor Threshold	Not determined
Color	Not determined		

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
pH	Not determined	
Melting Point/Freezing Point	Not determined	
Boiling Point/Boiling Range	Not determined	
Flash Point	Not determined	
Evaporation Rate	Not determined	
Flammability (Solid, Gas)	n/a-liquid	
Upper Flammability Limits	Not determined	
Lower Flammability Limit	Not determined	
Vapor Pressure	Not determined	
Vapor Density	Not determined	
Specific Gravity	Not determined	
Water Solubility	Not determined	
Solubility in other solvents	Not determined	
Partition Coefficient	Not determined	
Auto-ignition Temperature	Not determined	
Decomposition Temperature	Not determined	
Kinematic Viscosity	Not determined	
Dynamic Viscosity	Not determined	
Explosive Properties	Not determined	
Oxidizing Properties	Not determined	

10. STABILITY AND REACTIVITY

Reactivity

Not reactive under normal conditions.

Chemical Stability

Stable under recommended storage conditions.

Possibility of Hazardous Reactions

None under normal processing.

Conditions to Avoid

Keep out of reach of children.

Incompatible Materials

Acids.

Hazardous Decomposition Products

None known based on information supplied.

CBD

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Product Information

- Eye Contact** Causes severe eye damage.
- Skin Contact** Causes severe skin burns.
- Inhalation** Avoid breathing vapors or mists.
- Ingestion** Do not taste or swallow.

Component Information

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
2-Butoxyethanol 111-76-2	= 470 mg/kg (Rat)	= 2270 mg/kg (Rat) = 220 mg/kg (Rabbit)	= 2.21 mg/L (Rat) 4 h = 450 ppm (Rat) 4 h
Tetrasodium EDTA 64-02-8	= 10 g/kg (Rat)	-	-
Sodium xylenesulfonate 1300-72-7	= 7200 mg/kg (Rat)	-	-
d-Limonene 5989-27-5	-	> 5 g/kg (Rabbit)	-
Nonylphenol polyethylene glycol ether 127087-87-0	960-6980 mg/kg (Rat)	2000-2991 mg/kg (Rabbit)	1.15 mg/L (Rat) Aerosol, 4 h
Potassium Hydroxide: 1310-58-3	300 mg/kg (Rat)	-	-

Information on physical, chemical and toxicological effects

Symptoms Please see section 4 of this SDS for symptoms.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Carcinogenicity Not classifiable as a human carcinogen.

Chemical Name	ACGIH	IARC	NTP	OSHA
2-Butoxyethanol	A3	Group 3		
d-Limonene		Group 3		X

Legend

IARC (International Agency for Research on Cancer)

Group 3 IARC components are "not classifiable as human carcinogens"

Numerical measures of toxicity

The calculated ATE (Oral) of this mixture is > 3500 mg/kg (Rat)

12. ECOLOGICAL INFORMATION

Ecotoxicity

Harmful to aquatic life with long lasting effects.

Chemical Name	Algae/aquatic plants	Fish	Toxicity to microorganisms	Crustacea
2-Butoxyethanol 111-76-2		1490: 96 h Lepomis macrochirus mg/L LC50 static 2950: 96 h Lepomis macrochirus mg/L LC50		1698 - 1940: 24 h Daphnia magna mg/L EC50 1000: 48 h Daphnia magna mg/L EC50

CSTE

Tetrasodium EDTA 64-02-8	1.01: 72 h <i>Desmodesmus subspicatus</i> mg/L EC50	41: 96 h <i>Lepomis macrochirus</i> mg/L LC50 static 59.8: 96 h <i>Pimephales promelas</i> mg/L LC50 static		610: 24 h <i>Daphnia magna</i> mg/L EC50
Sodium Tripolyphosphate 7758-29-4	-	-	-	EC50: 276.6 mg/L; <i>Daphnia</i> 48h
d-Limonene 5989-27-5		0.619 - 0.796: 96 h <i>Pimephales promelas</i> mg/L LC50 flow-through 35: 96 h <i>Oncorhynchus mykiss</i> mg/L LC50		
Nonylphenol, branched, ethoxylated 127087-87-0	-	LC50: 3.8-6.2 mg/L; fathead minnow, 96h	IC50: >1000 mg/L, <i>Baacteria</i> , 16h	LC50: 9.3-21.4 mg/L; Water flea, 48h

Persistence/Degradability

Not determined.

Bioaccumulation

Not determined.

Mobility

Not determined

Chemical Name	Partition Coefficient
2-Butoxyethanol 111-76-2	0.81

Other Adverse Effects

Not determined

13. DISPOSAL CONSIDERATIONS

Waste Treatment Methods

Disposal of Wastes Disposal should be in accordance with applicable regional, national and local laws and regulations.

Contaminated Packaging Disposal should be in accordance with applicable regional, national and local laws and regulations.

California Hazardous Waste Status

Chemical Name	California Hazardous Waste Status

14. TRANSPORT INFORMATION

Note

Please see current shipping paper for most up to date shipping information, including exemptions and special circumstances.

15. REGULATORY INFORMATION

International Inventories

Not determined

US Federal Regulations

CSF

CERCLA

Chemical Name	Hazardous Substances RQs	CERCLA/SARA RQ	Reportable Quantity (RQ)
Sodium Tripolyphosphate 7758-29-4		5000 lbs	5000 lbs

SARA 313

This product contains the following toxic chemicals subject to the reporting requirements of section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 (40 CFR 372).

Chemical Name	CAS No	Weight-%	SARA 313 - Threshold Values %
2-Butoxyethanol - 111-76-2	111-76-2	1-10	1.0

US State Regulations

California Hazardous Waste Status

Chemical Name	California Hazardous Waste Status
d-Limonene 5989-27-5	Toxic

U.S. State Right-to-Know Regulations

Chemical Name	New Jersey	Massachusetts	Pennsylvania
2-Butoxyethanol 111-76-2	X	X	X
Sodium Tripolyphosphate 7758-29-4	X	X	X
Potassium Hydroxide 1310-58-3	X	X	X
Nonylphenol, branched, ethoxylated 127087-87-0	X	X	X
Sodium Xylene Sulfonate 1300-72-7	X	-	X
d-Limonene 5989-27-5	X	-	X

16. OTHER INFORMATION

Issue Date: 2-Sept-2014
 Revision Date: 2-Sept-2014
 Revision Note: New format

Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet

CS

Material Safety Data Sheet

May be used to comply with OSHA's
Hazardous Communication Standard, 29 CFR 1910.1200

NPCA Hazardous Materials Identification System

Specific Hazard	Personal Protection
4-Severe	X-Ask a supervisor
3-Serious	A-Safety Glasses
2-Moderate	B-Goggles, Gloves
1-Slight	C-Goggles, Glasses, Apron
0-Minimal	D-Goggles, Glasses, Apron, & Faceshield

Health (1) Reactivity (0)
Flammability (0) Personal Protection (B)

IDENTITY (As used on LABELS and LIST)

Clear Seal
NL 105

SECTION I

MFGR'S NAME AND ADDRESS: Newline Industries
1030 West Amelia Street Suite D
Orlando, FL 32805

EMERGENCY TELEPHONE NUMBER: 800-535-5053
Telephone Number For Information: 407-480-5464

DATE PREPARED:
04/30/2010

SECTION II-HAZARDOUS INGREDIENTS / IDENTITY INFORMATION

Hazardous Components	OSHA	PEL	ACGIH	Other	%Optional
Specific Components				Limits	
Specific Chemical Identity				Recommended	
Common Name(s)					

Isopropyl Alcohol	400ppm		400ppm	*	0-1
CAS#67-63-0					

* ACGIH-Short term exposure limit for Isopropyl Alcohol is 500ppm.

SECTION III-PHYSICAL / CHEMICAL CHARACTERISTICS

BOILING POINT (F)	Over 200 ⁰ F	SPECIFIC GRAVITY (H ₂ O=1)	1.05
VAPOR PRESSURE (mmHg)	N/A	Percent Volatiles	90
VAPOR DENSITY (air=1)	N/A	EVAPORATION POINT	Less than 1
SOLUBILITY IN WATER	Infinitely Soluble	(Butyl Acetate=1)	
pH	6.3-7.0		
APPEARANCE AND ODOR:	Clear amber liquid, slight citrus odor.		

SECTION IV-FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (METHOD USED)	FLAMMABLE LIMITS	LEL	UEL
Over 200 ⁰ F Closed Cup	N/A	N/A	N/A

EXTINGUISHING MEDIA: Water spray, carbon dioxide, dry chemical or foam.

SPECIAL FIRE FIGHTING PROCEDURES: None

UNUSUAL FIRE AND EXPLOSION HAZARDS: Wear full protective clothing, including helmet and self contained breathing apparatus.

CWA

SECTION V -REACTIVITY DATA Clear Seal NL105

STABILITY: UNSTABLE () CONDITION TO AVOID:
 STABLE (X) None

INCOMPATIBILITY (Materials to Avoid)

Avoid strong oxidizing agents and strong acids.

HAZARDOUS DECOPOSITION OR BYPRODUCTS

Carbon monoxide and carbon dioxide, oxides of nitrogen, sulfur & HF.

HAZARDOUS May Occur () CONDITIONS TO AVOID:
Polymerization May Not Occur (X) None

SECTION VI-HEALTH HAZARD DATA

ROUTE(S) OF ENTRY:

INHALATION: No

SKIN: No

INGESTION: No

Health Hazards (Acute and Chronic)

Eye irritation on contact.

CARCINOGENICITY: NTP IARC Monographs? OSHA Regulated?
 No No No

SIGNS AND SYMPTOMS OF EXPOSURE:

Eye irritation on contact.

MEDICAL CONDITONS GENERALLY AGGRAVATED BY EXPOSURE: Eye problems may become aggravated if prolonged contact is made. Possible skin irritation.

EMERGENCY AND FIRST AID PROCEDURES:

Inhalation: If bothersome, remove to fresh air.

Eyes: Flush with water. If irritation is apparent, call a physician. Call a physician if irritation continues.

Ingestion: If swallowed drink two glasses of water and call a physician.

Note: Do not eat, drink or smoke when using this product. Wash exposed area thoroughly with soap and water. Wash hands after handling.

SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:

Small spills, wipe up soiled area with water down drain. Large Spills, stop leak at the source and collect into a suitable container. Then rinse treat as small spill.

WASTE DISPOSAL METHOD:

Dispose of waste in accordance with Federal, State, and Local ordinances.

PRECAUTION TO BE TAKEN IN HANDLING AND STORING:

Always store unused portion in its original container with cap secure. Avoid extreme temperature.

OTHER PRECAUTIONS: All precautions in this MSDS must be observed.

SECTION VIII- CONTROL METHODS

RESPIRATORY PROTECTION:

(Specific Type):None

VENTILATION:

LOCAL EXHAUST:	Normal	SPECIAL:	None
MECHANICAL (General)	None	OTHER:	None

PROTECTIVE GLOVES: Rubber Gloves

EYE PROTECTION: Safety Glasses

OTHER PROTECTIVE EQUIPMENT: None

WORK/HYGENIC PRACTICES: Keep out of reach of children

We believe all information given is accurate. It is offered in good faith, but without guarantee. Since conditions are beyond our control, user assumes all responsibility and risk.

C6/B

SAFETY DATA SHEET



Revision Date 14-Jul-2015
Version 1.01

1. Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

Product name CRYSTAL DEFOAMER
Product code W.20025

1.2 Relevant identified uses of the substance or mixture and uses advised against

Recommended Use Professional Carpet Cleaning
Restrictions on use Professional Use Only

1.3 Details of the supplier of the safety data sheet

Supplier Legend Brands
Chemspec
15180 Josh Wilson Road
Burlington, WA 98233
800-932-3030

E-mail Address msds@chemspecworld.com

1.4 Emergency telephone number

Emergency telephone number Chemtrec: +1 703-527-3887 ex-USA
Chemtrec: 1-800-424-9300 USA

2. Hazards identification

2.1 Classification of the substance or mixture

GHS Classification in accordance with 29 CFR 1910.1200

2.2 Label elements

This product is not classified.

2.3 Other Hazards Hazards not otherwise classified (HNOC)

Not Applicable

2.4 Other information

Not Applicable

Unknown Acute Toxicity 100% of the mixture consists of ingredient(s) of unknown toxicity

3. Composition/Information on Ingredients

C7A

Substance

Not applicable

Mixture

This material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

*The exact percentage (concentration) of composition has been withheld as a trade secret.

4. First aid measures**4.1 Description of first-aid measures**

General advice	Show this material safety data sheet to the doctor in attendance.
Eye contact	Remove contact lenses. Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.
Skin contact	Wash off immediately with soap and plenty of water. Remove all contaminated clothes and shoes.
Inhalation	Move to fresh air.
Ingestion	Gently wipe or rinse the inside of the mouth with water.

4.2 Most important symptoms and effects, both acute and delayed

Symptoms See Section 2.2, Label Elements and/or Section 11, Toxicological effects.

4.3 Indication of any immediate medical attention and special treatment needed

Notes to physician Treat symptomatically.

5. Fire-Fighting Measures**5.1 Extinguishing media**

Suitable extinguishing media
Water spray Foam Dry powder

Unsuitable Extinguishing Media None.

5.2 Special hazards arising from the substance or mixture

Special Hazard
Hazardous decomposition products formed under fire conditions

Hazardous Combustion Products No information available.

Explosion Data
Sensitivity to Mechanical Impact None.
Sensitivity to Static Discharge None.

5.3 Advice for firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

6. Accidental Release Measures**6.1 Personal precautions, protective equipment and emergency procedures**

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Use personal protective equipment.

6.2 Environmental precautions

Dike to collect large liquid spills. See Section 12 for additional Ecological information.

6.3 Methods and materials for containment and cleaning up

Methods for Containment	Prevent further leakage or spillage if safe to do so.
Methods for cleaning up	Contain spillage, soak up with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and transfer to a container for disposal according to local / national regulations (see section 13).

7. Handling and storage

7.1 Precautions for safe handling

Advice on safe handling	Wear personal protective equipment.
Hygiene measures	When using, do not eat, drink or smoke.

7.2 Conditions for safe storage, including any incompatibilities

Storage Conditions	Use only in area provided with appropriate exhaust ventilation. Keep tightly closed in a dry and cool place.
Materials to Avoid	Strong oxidizing agents.

8. Exposure controls/personal protection

8.1 Occupational Exposure Limits (OEL)

8.2 Appropriate engineering controls

Engineering Measures	Showers Eyewash stations Ventilation systems.
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8.3 Individual protection measures, such as personal protective equipment

Eye/Face Protection	Safety glasses with side-shields.
Skin and body protection	Long sleeved clothing.
Respiratory protection	Breathing apparatus with filter.
Hygiene measures	See section 7 for more information

9. Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical state	Solid
Appearance	Powder
Color	White
Odor	Low
Odor Threshold	No information available

<u>Property</u>	<u>Values</u>	<u>Remarks • Methods</u>
pH		No information available
Melting/freezing point		No information available
Boiling point/boiling range		No information available
Flash Point		No information available
Evaporation rate		No information available
Flammability (solid, gas)		No information available
Flammability Limits in Air		
upper flammability limit		No information available
lower flammability limit		No information available
Vapor pressure		No information available
Vapor density		No information available
Specific Gravity		No information available
Water solubility	completely soluble	
Solubility in other solvents		No information available
Partition coefficient		No information available
Autoignition temperature		No information available
Decomposition temperature		No information available
Viscosity, kinematic		No information available
Viscosity, dynamic		No information available
Explosive properties		No information available
Oxidizing Properties		No information available

9.2 Other information

Volatile organic compounds (VOC) content Negligible

10. Stability and Reactivity

10.1 Reactivity

No data available

10.2 Chemical stability

Stable under recommended storage conditions

10.3 Possibility of hazardous reactions

None under normal processing.

10.4 Conditions to Avoid

Direct sources of heat.

10.5 Incompatible Materials

Strong oxidizing agents.

10.6 Hazardous Decomposition Products

Carbon dioxide (CO₂), carbon monoxide (CO), oxides of nitrogen (NO_x), dense black smoke.

C7D

11. Toxicological information

11.1 Acute toxicity

Numerical measures of toxicity: Product Information

Unknown Acute Toxicity 100% of the mixture consists of ingredient(s) of unknown toxicity

Numerical measures of toxicity: Component Information

11.2 Information on toxicological effects

Skin corrosion/irritation

Product Information

- No information available

Component Information

- No information available

Eye damage/irritation

Product Information

- No information available

Component Information

- No information available

Respiratory or skin sensitization

Product Information

- No information available

Component Information

- No information available

Germ Cell Mutagenicity

Product Information

- No information available

Component Information

- No information available

Carcinogenicity

Product Information

- No information available

Component Information

- No information available

Reproductive toxicity

Product Information

- No information available

Component Information

- No information available

STOT - single exposure

No information available

STOT - repeated exposure

No information available

Other adverse effects

Target Organs

- No information available

C7E

Product Information

• No information available

Component Information

• No information available

Aspiration hazardProduct Information

• No information available

Component Information

• No information available

12. Ecological information**12.1 Toxicity****Ecotoxicity**

No information available

99.01 % of the mixture consists of components(s) of unknown hazards to the aquatic environment

Ecotoxicity effects**12.2 Persistence and degradability**

No information available.

12.3 Bioaccumulative potential

Discharge into the environment must be avoided

12.4 Mobility in soil

No information available.

12.5 Other adverse effects

No information available

13. Disposal Considerations**13.1 Waste treatment methods**

Disposal should be in accordance with applicable regional, national and local laws and regulations.

14. Transport Information**DOT**

Not regulated

MEX

Not regulated

IMDG

Not regulated

IATA

Not regulated

15. Regulatory information**15.1 International Inventories****TSCA**

Complies

DSL

Complies

C7F

EINECS/ELINCS	Complies
ENCS	Complies
IECSC	Complies
KECL	Complies
PICCS	Complies
AICS	Complies
NZIoC	Complies

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

DSL - Canadian Domestic Substances List

EINECS/ELINCS - European Inventory of Existing Commercial Chemical Substances/EU List of Notified Chemical Substances

PICCS - Philippines Inventory of Chemicals and Chemical Substances

ENCS - Japan Existing and New Chemical Substances

IECSC - China Inventory of Existing Chemical Substances

KECL - Korean Existing and Evaluated Chemical Substances

PICCS - Philippines Inventory of Chemicals and Chemical Substances

AICS - Australian Inventory of Chemical Substances

NZIoC - New Zealand Inventory of Chemicals

15.2 U.S. Federal Regulations

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

15.3 Pesticide Information

Not applicable

15.4 U.S. State Regulations

16. Other information

NFPA	Health Hazard 0	Flammability 0	Instability 0	Physical and chemical hazards -
HMS	Health Hazard 0	Flammability 0	Physical Hazard 0	Personal protection X

Legend:

ACGIH (American Conference of Governmental Industrial Hygienists)

Ceiling (C)

DOT (Department of Transportation)

EPA (Environmental Protection Agency)

IARC (International Agency for Research on Cancer)

International Air Transport Association (IATA)

International Maritime Dangerous Goods (IMDG)

NIOSH (National Institute for Occupational Safety and Health)

NTP (National Toxicology Program)

OSHA (Occupational Safety and Health Administration of the US Department of Labor)

PEL (Permissible Exposure Limit)

Reportable Quantity (RQ)

Skin designation (S*)

STEL (Short Term Exposure Limit)

TLV® (Threshold Limit Value)

TWA (time-weighted average)

Prepared By Chemspec Regulatory Affairs/Product Safety

Revision Date 14-Jul-2015

Revision Note

No information available

Disclaimer

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C78

transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.

End of Safety Data Sheet

C7H



Product Name: Defender
Revision Date: 5/20/15

SAFETY DATA SHEET

SECTION 1 MATERIAL AND MANUFACTURER IDENTIFICATION

PRODUCT

Product Identifier: Defender
Intended Product Use: Textile Protector
Manufacturer Identification Code: 6430

MANUFACTURER

Chemical Technologies International Inc.
P.O. Box 968
Rancho Cordova, CA 95741 USA
Phone: (916) 638-1315 Fax: (916) 638-0712
24 hours Emergency Assistance Calls (USA): CHEMTREC (800) 424-9300
Please reference name and manufacturers identification number

SECTION 2 HAZARD(S) IDENTIFICATION

GHS CLASSIFICATION

Acute Toxicity, Oral (Category 5)
Acute Toxicity, Inhalation (Category 5)
Acute Toxicity, Dermal (Category 5)

Routes of Exposure: Eye contact, skin contact, inhalation, and ingestion.
Inhalation: No hazard expected in normal industrial use.
Eye Contact: No hazard expected in normal industrial use.
Ingestion: No hazard expected in normal industrial use.
Carcinogenic Potential: Not established
Acute Effects: No hazard expected in normal industrial use.
Chronic Effects: Not established.



Health hazard	1
Flammability hazard	0
Reactivity hazard	0
Other hazard	

Signal word: **CAUTION**

Hazard statement(s): **H333: May be harmful if inhaled;**
H313: May be harmful in contact with skin
H303: May be harmful if swallowed

SECTION 3 COMPOSITION/INFORMATION ON INGREDIENTS

COMPONENT	CAS #	CONCENTRATIONS
1. Surfactant Blend	Not Established	Not Established

1
C38A



Product Name: Defender

SECTION 4	FIRST-AID MEASURES
------------------	---------------------------

This product does not have any foreseen hazard; these measures should not be needed with the directed/intended use of the product. (Listed use in section 1)

Inhalation: Remove from further exposure to fresh air. If respiratory irritation, dizziness, or nausea occurs seek immediate medical attention. If breathing stops, have trained person administer oxygen with a resuscitation mouth cover. Seek immediate medical attention.

Eye Contact: Flush eyes with a directed stream of water for 15 minutes, forcibly holding eyelids apart to ensure complete irrigation of all eye and lid tissue. Washing eyes immediately after exposure is essential to achieve maximum effectiveness and minimize potential irritation. If irritation persists, seek immediate medical attention.

Skin Contact: Wash contact areas with soap and water. Launder exposed clothing before reuse.

Ingestion: If swallowed, do not induce vomiting. Seek immediate medical attention.

SECTION 5	FIRE-FIGHTING MEASURES
------------------	-------------------------------

FLAMMABILITY PROPERTIES

Flashpoint: non-flammable/non-combustible

Flammable Limits: Not Available

Auto ignition Temperature: Not Available

FIREFIGHTING PROCEDURES

General Hazard: During a fire smoke may contain the original material in addition to toxic and or irritating compounds. Avoid heat sparks or open flame.

Firefighting Instructions: Evacuate all unnecessary personnel. Keep away from heat, sparks and open flame. Use water, alcohol foam, dry chemical or CO₂. Use water or foam to cool surrounding containers.

Firefighting Equipment: Firefighters should wear NIOSH/MSHA approved self-contained, positive pressure breathing apparatus and full protective clothing.

Hazardous Combustion Products: Hazardous combustion products are not expected during fire.

Unusual Fire and Explosion Hazards: No known unusual fire/explosion hazards. Keep away from strong oxidizing and acidic agents.

SECTION 6	ACCIDENTAL RELEASE MEASURES
------------------	------------------------------------

PERSONAL PRECAUTIONS

Persons performing the cleanup should wear personal protective equipment sufficient to keep material away from skin. Avoid direct contact with material. See section 4 for First-Aid Advice. See section 5 for Firefighting Advice.

PROTECTIVE MEASURES

To minimize exposure to all chemicals, including this product, use good industrial hygiene and common sense. Use only in well ventilated area. If necessary, use exhaust ventilation to insure adequate ventilation. Insure that water is readily available and that you are prepared to properly wash out your eyes should the need arise. (See section 4 for more advice). Wear NIOSH/MSHA approved organic respirator when ventilation is not adequate or when the sufficiency of ventilation to maintain concentrations below exposure limits is in question. Wear chemical safety goggles to protect against splashes or contact with eyes. See OSHA 29 CFR 1910.33

CLEAN-UP PROCEDURES

Small Spills: Wipe up or mop to dispose of spill in DOT approved waste container.

Large Spills: Contain by diking with soil or other non-combustible absorbent material, and dispose into DOT approved waste container. If possible complete clean up on a dry basis. Comply with all applicable governmental regulations on spill reporting, handling and disposal of waste. Contain all spills or leaks to prevent discharge into the environment. Responsibility of all spills or releases reported to the appropriate local, state and federal agencies falls upon the user.

C-58B



Product Name: Defender

SECTION 7 HANDLING AND STORAGE

HANDLING

This product is professional strength product to be used by professionals only. Avoid breathing vapors/mist of this product. Always keep container tightly closed and properly labels. Avoid contact with skin, eyes or clothing. Wash thoroughly after handling. Impervious boots/shoes covering should be used if material is anticipated to contact feet. As with all chemicals, practice good industrial hygiene when handling this product. Always work in a well-ventilated area and avoid inhalation of product vapor or mist. Do not ingest.

The manufacturer and seller warrant that this product conforms to its standard specifications when used according to directions. As the conditions of method of its use are beyond our control, we do not assume any responsibility and expressly disclaim any liability for use of this product. Information contained herein is believed to be true but all statements and suggestions are made without any warranty, expressed or implied, regarding accuracy of the information. The hazards connected with the use of this material and the results to be obtained from the use thereof.

STORAGE

Avoid excessive heat. Avoid storage with oxidizing or reducing agents and/or acids. Avoid storage with combustible organic materials. Employees should be trained to handle this product safely. Loosen closures cautiously. Store the product in a cool dry area away from ignition sources.

Storage temperature: Store in cool dry place.

Storage pressure: Atmospheric

SECTION 8 EXPOSURE / PERSONAL PROTECTION

EXPOSURE LIMITS

Exposure limits have not been established for this mixture. Avoid, as far as reasonably practicable, inhalation of vapor, mists or fumes generated. Limits for components are listed below:

COMPONENT #	OSHA PEL TWA STEL	ACGIH TLV TWA STEL	NIOSH TWA STEL
Surfactant Blend	Not established	Not established	Not established

ENGINEERING CONTROLS

The level of protection and types of control will vary depending upon potential exposure conditions. If user operations generate dust, fume or mist, use adequate ventilation to keep exposure below exposure limit. This product is non-hazardous and are unnecessary precautions when used for intended purpose as directed.

PERSONAL PROTECTION

Ventilation and engineering controls: Use only in well ventilated area. If necessary, use exhaust ventilation to insure adequate ventilation. Insure that water is readily available and that you are prepared to properly wash out your eyes should the need arise. (Refer to section 4).

Respiratory: Wear NIOSH/MSHA approved respirator when ventilation is not adequate. A NIOSH /MSHA –approved air purifying respirator with an organic vapor cartridge or canister may be advisable under certain circumstances where airborne concentrations are expected to exceed exposure limits. Protection provided by air purifying respirators is limited. Use a positive pressure, air supplied respirator if there is any potential for uncontrolled release, exposure levels are unknown, or any other circumstances where air-purifying respirators may not provide adequate protection.

Eye Protection: Wear safety goggles to protect against eye contact. See OSHA 29 CFR 1910.33

Skin: Wear chemical impervious gloves. Gloves are recommended be inspected before use. Dispose of gloves after use in accordance with applicable laws and good laboratory practices. Wear protective clothing to minimize skin contact. Wash skin after use. Wash contaminated clothing and dry before reuse.

Other: One should always use chemicals with an awareness of the potential hazard of the effect on the human system. To minimize employee exposure to all chemicals, including this product, use good industrial hygiene practices.

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Product Name: Defender

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

Physical State and Appearance: Liquid
Odor: odorless
Vapor density: Not Available.
Freezing point: Not Available.
Solubility in water: Soluble
Flammability: Not Flammable
Viscosity: Not Available.
Flash point: Non-Flammable, Noncombustible
Evaporation rate: Not Available.
Vapor pressure: Not Available.

Color: Opaque
pH: 6.0
Boiling point: Not Available.
Melting point: Not Available.
Density: Not Available.
Evaporation rate: Not Available.
Vapor density: Not Available.
Relative density: Not Available.
Flammability (solid, gas): Not Available.
Vapor density: Not Available.

SECTION 10 STABILITY AND REACTIVITY

Chemical Stability: Stable under ambient temperature and atmospheric pressure.
Conditions to avoid: None known.
Incompatibility with other materials: Heavy metals, combustible organic materials, reducing agents.
Hazardous decomposition products: Major components of this mixture show no hazardous decomposition.
Hazardous polymerization: Major components of this mixture show no hazardous polymerization.
Conditions to Avoid: Oxidizing agents, Bases, Reducing Agents and Nitrites.

SECTION 11 TOXICOLOGICAL INFORMATION

Toxicological information has not been established on this mixture. Toxicological information on components within this mixture is given by:

COMPONENT #	TOXICITY
Surfactant Blend	Not established

SECTION 12 ECOLOGICAL INFORMATION

Ecological information has not been established for this product. Ecological information on components within this mixture is given by:

COMPONENT #	TOXICITY
Surfactant Blend	Not established

Dispose of all waste, empty bottles and contaminated equipment in accordance with all applicable federal, state and local health and environmental regulations.

Do not dump into storm drains or any body of water. All disposal methods must be in compliance with all federal, State/ Province and local laws and regulations. Regulations may vary in different locations.

Waste characterizations and compliance with applicable laws are the responsibility solely of the waste generator. The vendor has no control over the management practices or the processes by which the party who handles or uses this material. The information presented here pertains only to the product as shipped in its intended condition and recommended usage.

C8D



Product Name: Defender

SECTION 13	DISPOSAL CONSIDERATIONS
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Dispose of all waste, empty bottles and contaminated equipment in accordance with all applicable federal, state and local health and environmental regulations.

Do not dump into storm drains or any body of water. All disposal methods must be in compliance with all federal, State/ Province and local laws and regulations. Regulations may vary in different locations.

Waste characterizations and compliance with applicable laws are the responsibility solely of the waste generator. The vendor has no control over the management practices or the processes by which the party who handles or uses this material. The information presented here pertains only to the product as shipped in its intended condition and recommended usage.

SECTION 14	TRANSPORT INFORMATION
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DOT (US)

Not a regulated material

IMDG

Not a regulated material

SECTION 15	REGULATORY INFORMATION
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US Federal Regulations:

OSHA standards require that information be provided to employees regarding the hazards of chemicals by means of a hazard communication program including labeling, safety data sheet (SDS) sheets, training and access to written records. We request that you, as per your legal duty to, make all information in this SDS available to your employees and those who handle or consume the product. To aid our customers in complying with regulatory requirements regulatory information for components of this product are indicated below

This *mixture* has no established regulatory information all regulatory information given is based on individual components of the mixture by component number. This mixture contains no products/chemicals restricted by California Prop 65.

COMPONENT #

No reportable components

REGULATORY INFORMATION

Not established.

SECTION 16	OTHER INFORMATION
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While the information is believed to be accurate, CTI makes no representations as to its accuracy or sufficiency. This SDS summarizes to our best knowledge at the date of issue, the chemical health and safety hazards of the material and general guidance on how to safely handle the material in the workplace. All information appearing herein is based upon data obtained from the manufacturer and/or recognized technical sources of each individual component. Since CTI cannot anticipate or control the conditions under which the product may be used, each user must, prior to usage, assess and control the risks arising from its use of the material. Users are responsible to verify this data under their own operating conditions to determine whether this product is suitable for their particular purposes and they assume all risks of their use, handling, and disposal of the product, or from the publication or use of, or reliance on information

C 8 E



Product Name: Defender

contained herein. This information relates only to the product-designated herein, and does not relate to its use in combination with any other material or in any other process.

C-8F

SAFETY DATA SHEET

According to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Dry Spotter VS

SDS Number:

Revision Date: 12/1/2015

Page 1 of 4

1

PRODUCT AND COMPANY IDENTIFICATION

Manufacturer

Kleenrite Chemical
500 Marquette Ave. NW, Ste. 1200
Albuquerque, NM 87102

Emergency: INFOTRAC: 1-800-535-5053
Phone: 1-505-888-3100
Fax: 1-505-214-5588
Email: support@kleen.com
Web: kleen.com

Product Name: Dry Spotter VS
Revision Date: 12/1/2015
Product Code: DSVS
Chemical Formula: Proprietary
Product Use: Carpet & Upholstery Spot Remover

2

HAZARDS IDENTIFICATION

Classification of the substance or mixture

GHS Classification in accordance with 29 CFR 1910 (OSHA HCS):
Health, Aspiration hazard, 2
Health, Serious Eye Damage/Eye Irritation, 2 B
Health, Skin corrosion/irritation, 3
Physical, Flammable Liquids, 4

GHS Label elements, including precautionary statements

GHS Signal Word: **WARNING**

GHS Hazard Pictograms:



GHS Hazard Statements:

H305 - May be harmful if swallowed and enters airways
H320 - Causes eye irritation
H316 - Causes mild skin irritation
H227 - Combustible liquid

GHS Precautionary Statements:

P101 - If medical advice is needed, have product container or label at hand.
P102 - Keep out of reach of children.
P103 - Read label before use.
P210 - Keep away from heat/sparks/open flames/hot surfaces. No smoking.
P235 - Keep cool.
P264 - Wash thoroughly after handling.
P280 - Wear protective gloves/protective clothing/eye protection/face protection.
P301+310 - IF SWALLOWED: Immediately call a Poison Center or doctor.
P305+351+338 - IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.

CQA

SAFETY DATA SHEET

According to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Dry Spotter VS

SDS Number:

Revision Date: 12/1/2015

Page 2 of 4

- P331 - Do NOT induce vomiting.
- P332+313 - If skin irritation occurs: Get medical advice/attention.
- P337+313 - If eye irritation persists: Get medical advice/attention.
- P370+378 - In case of fire: Use foam, carbon dioxide, dry powder or water fog for extinction.
- P403 - Store in a well ventilated place.
- P405 - Store locked up.
- P501 - Dispose of contents/container in accordance with local/regional/national regulations.

NFPA: Health = 2, Fire = 2, Reactivity = 0, Specific Hazard = n/a



3

COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients:

Cas#	%	Chemical Name
64741-65-7	<20%	Naphtha, petroleum, heavy alkylate
68439-46-3	<35%	Alcohols, C9-11, ethoxylated
34590-94-8	<35%	Dipropylene glycol methyl ether
0	<15%	Inert Ingredients

The exact percentage (concentration) of composition has been withheld as a trade secret.

4

FIRST AID MEASURES

- Inhalation:** Move to fresh air, and allow the victim to rest. If symptoms persist, obtain medical attention.
- Skin Contact:** Remove contaminated clothing, and wash exposed skin area with mild soap and water, followed by a warm water rinse. If symptoms persist, obtain medical attention.
- Eye Contact:** Immediately flush eyes with large amounts of water, lifting eyelids occasionally to facilitate irrigation. If present, remove any contact lenses, and continue flushing for at least 15 minutes. If pain, blinking or redness persist, obtain medical attention.
- Ingestion:** Rinse mouth. Do NOT induce vomiting. Immediately obtain emergency medical attention.

Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the SDS where possible).

5

FIRE FIGHTING MEASURES

- Flammability:** Combustible; may be ignited by heat or flame.
- Flash Point:** 150 F (66 C)
- LEL:** 0.7
- UEL:** 5.4

Containers exposed to intense heat from fire should be cooled with water to prevent vapor pressure buildup, which could result in container rupture.

Static discharge material can accumulate static charges, which can cause an incendiary electrical discharge.

Extinguishing Media: Use extinguishing measures that are appropriate to local circumstances and the surrounding environment, such as

C9B

SAFETY DATA SHEET

According to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Dry Spotter VS

SDS Number:

Revision Date: 12/1/2015

Page 3 of 4

foam, carbon dioxide, dry powder or water fog. DO NOT use heavy water stream. Product will float and can be ignited on surface.

Advise for Firefighters: Exercise caution when fighting any chemical fire. Do not enter fire area without proper protective equipment, including protective clothing and approved self-contained breathing apparatus. Use water spray or fog for cooling exposed containers. Prevent fire-fighting water from entering environment.

6

ACCIDENTAL RELEASE MEASURES

For Emergency Responders: Equip cleanup crew with proper protection, and ventilate area. Evacuate unnecessary (non-emergency) personnel.

Disposal is to be performed in compliance with all Federal, State and Local regulations.

Steps To Be Taken in Case Quantities of Material are Released or Spilled: Put on safety glasses, or goggles and rubber gloves. Contain spill with absorbent material. Clean up residue with water. For large spills, dike area and absorb or pump up. See Section 8: Exposure Controls/ Personal Protection for additional exposure controls.

7

HANDLING AND STORAGE

Handling Precautions: Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Avoid contact with eyes, skin, or clothing.

Storage Requirements: Store in a cool, dry, well ventilated area away from incompatibles. Keep container tightly closed when not in use. Wash thoroughly after handling materials, as conditions will vary, depending upon customer applications, specific handling procedures should be developed by persons knowledgeable of their intended use, conditions, and equipment. See Section 10: Stability and Reactivity for more information.

Other Precautions: For professional use only. Keep out of reach of children.

8

EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Limits:

USA ACGIH (TWA): None

Personal Protective Equipment: Wear protective clothing to prevent extended contact with skin.

Respiratory Protection: Not normally indicated. If normal levels are exceeded, use a NIOSH approved organic vapor air purifier.

Hand Protection: Wear protective gloves.

Eye Protection: Chemical goggles or safety glasses.

Other Protective Information: Avoid all unnecessary exposure. Do not eat, drink or smoke during use.

9

PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Clear liquid	Odor:	Citrus
Physical State:	Liquid	Molecular Formula:	Proprietary
Odor Threshold:	No data available	Solubility:	Insoluble
Spec Grav./Density:	0.81	Percent Volatile:	No data available
Viscosity:	No data available	Freezing/Melting Pt.:	No data available
Boiling Point:	314 F (157 C)	Flash Point:	150 F (66 C)
Flammability:	Combustible	Vapor Density:	> 1.0
Vapor Pressure:	9.0	VOC:	No data available
pH:	Not applicable	Auto-ignition Temp:	No data available
Evap. Rate:	< 1.0		

10

STABILITY AND REACTIVITY

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SAFETY DATA SHEET

According to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Dry Spotter VS

SDS Number:

Revision Date: 12/1/2015

Page 4 of 4

Reactivity:	Hazardous reactions are unlikely to occur under normal circumstances.
Chemical Stability:	Product is stable under normal conditions.
Conditions to Avoid:	High temperatures, open flame, heat, sparks.
Materials to Avoid:	Oxidizers.
Hazardous Decomposition:	Oxides of carbon.
Hazardous Polymerization:	Will not occur.

11 TOXICOLOGICAL INFORMATION

None known.

Sensitivity to this product is minimal unless subject shows existing conditions that may be aggravated on exposure. Subject is advised to make good assessment of the conditions.

12 ECOLOGICAL INFORMATION

None known.

13 DISPOSAL CONSIDERATIONS

Avoid release into the environment. Dispose of in accordance with local/national regulations. See Section 6: Accidental Release Measures for additional information.

14 TRANSPORT INFORMATION

Not regulated for transport.

15 REGULATORY INFORMATION

Component (CAS#) [%] - CODES

Naphtha, petroleum, heavy alkylate (64741-65-7) [<20%] TSCA

Alcohols, C9-11, ethoxylated (68439-46-3) [<35%] TSCA

Dipropylene glycol methyl ether (34590-94-8) [<35%] MASS, OSHAWAC, PA, TSCA, TXAIR

Regulatory CODE Descriptions

TSCA = Toxic Substances Control Act

MASS = MA Massachusetts Hazardous Substances List

OSHA = OSHA Workplace Air Contaminants

PA = PA Right-To-Know List of Hazardous Substances

TXAIR = TX Air Contaminants with Health Effects Screening Level

16 OTHER INFORMATION

The submission of this SDS may be required by law, but this is not an assertion that the substance is hazardous when used in accordance with proper safety practices and normal handling procedures. Data supplied is for use only in connection with occupational safety and health. The information contained herein has been compiled from sources considered by Kleenrite Chemical to be dependable and is accurate to the best of the Company's knowledge. The information relates to the specific material designated herein, and does not relate to the use in combination with any other material or process. Kleenrite Chemical makes no warranty, representation or guarantee as to the accuracy, sufficiency or completeness of the material set forth herein. It is the user's responsibility to determine the safety, toxicity and suitability of their own use, handling and disposal of the product. Kleenrite Chemical assumes no responsibility for injury to the recipient or third persons, for any damage to any property resulting from misuse of the controlled products.

c.g.D



SAFETY DATA SHEET

Issue Date 19-Jun-2015

Revision Date 01-Apr-2015

Version 1

1. PRODUCT AND COMPANY IDENTIFICATION

Product identifier

Product Name Easy Glide Glass Cleaner

Other means of identification

Product Code FR380-FR110

Synonyms None

Details of the supplier of the safety data sheet

Company Name Unger Enterprises, LLC
425 Asylum Street
Bridgeport, CT 06610
(800) 833-6100
www.ungerglobal.com

Emergency telephone number

Emergency Telephone Within USA and Canada: 1-800-424-9300 CCN726541 or +1 703-527-3887 (collect calls accepted)

2. HAZARDS IDENTIFICATION

Classification

OSHA Regulatory Status

This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

Acute toxicity - Oral	Not classified
Acute toxicity - Dermal	Not classified

Label elements

Emergency Overview

Appearance Clear Green

Physical state Liquid

Odor Pleasant

Precautionary Statements - Response

Call a POISON CENTER or doctor/physician if you feel unwell
Specific Treatment (See Section 4 on the SDS)

Hazards not otherwise classified (HNOC)

Other Information

Unknown Acute Toxicity 0% of the mixture consists of ingredient(s) of unknown toxicity

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No.	Weight-%	Trade Secret
Water	7732-18-5	60-100	*

C10A

Sodium Alpha Olefin Sulfonate	68439-57-6	.1-1	*
2-(2-methoxypropoxy)propano	34590-94-8	.1-1	*
Lauramine Oxide	1643-20-5	.1-1	*
Alcohol Ethoxylate	68439-46-3	.1-1	*
Sodium Laureth Sulfate	9004-82-4	.1-1	*
Sodium Iminodisuccinate	144538-83-0	.1-1	*
Alcohols, C10-16, Ethoxylated	68002-97-1	<0.1	*
Sodium Sulfate	7757-82-6	<0.1	*
Sodium Chloride	7647-14-5	<0.1	*
Magnesium Nitrate	10377-60-3	<0.1	*
Methyl Chloro Isothiazolinone	26172-55-4	<0.1	*
Magnesium Chloride	7786-30-3	<0.1	*
Methyl Isothiazolinone	2682-20-4	<0.1	*

*The exact percentage (concentration) of composition has been withheld as a trade secret.

4. FIRST AID MEASURES

First aid measures

- General advice** If symptoms persist, call a physician.
- Skin Contact** Immediate medical attention is not required. Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes. If skin irritation persists, call a physician.
- Eye contact** Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Keep eye wide open while rinsing. If symptoms persist, call a physician.
- Inhalation** Immediate medical attention is not required. If symptoms persist, call a physician. Move to fresh air in case of accidental inhalation of vapors or decomposition products.
- Ingestion** Clean mouth with water and drink afterwards plenty of water. Never give anything by mouth to an unconscious person. Call a physician. Do NOT induce vomiting.
- Self-protection of the first aider** Use personal protective equipment as required.

Most important symptoms and effects, both acute and delayed

- Symptoms** Any additional important symptoms and effects are described in Section 11: Toxicology Information.

Indication of any immediate medical attention and special treatment needed

- Note to physicians** Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media

Use. Dry chemical. Carbon dioxide (CO₂). Water spray (fog). Alcohol resistant foam.

Unsuitable extinguishing media Caution: Use of water spray when fighting fire may be inefficient.

Specific hazards arising from the chemical

Keep product and empty container away from heat and sources of ignition. Risk of ignition.

Explosion data

Sensitivity to Mechanical Impact None.
Sensitivity to Static Discharge None.

Protective equipment and precautions for firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

C10B

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal precautions Use personal protective equipment as required. Remove all sources of ignition. Evacuate personnel to safe areas. Keep people away from and upwind of spill/leak. Pay attention to flashback. Take precautionary measures against static discharges.

Environmental precautions

Environmental precautions Do not flush into surface water or sanitary sewer system. Prevent further leakage or spillage if safe to do so. Prevent product from entering drains.

Methods and material for containment and cleaning up

Methods for containment Prevent further leakage or spillage if safe to do so.

Methods for cleaning up Soak up with inert absorbent material. Dam up. Pick up and transfer to properly labeled containers. Take precautionary measures against static discharges.

7. HANDLING AND STORAGE

Precautions for safe handling

Advice on safe handling Use with local exhaust ventilation. All equipment used when handling the product must be grounded. Keep away from heat/sparks/open flames/hot surfaces. — No smoking. Use personal protective equipment as required. Do not breathe dust/fume/gas/mist/vapors/spray. Take necessary action to avoid static electricity discharge (which might cause ignition of organic vapors).

Conditions for safe storage, including any incompatibilities

Storage Conditions Keep away from heat, sparks, flame and other sources of ignition (i.e., pilot lights, electric motors and static electricity). Keep containers tightly closed in a cool, well-ventilated place. Keep away from heat. Keep in properly labeled containers.

Incompatible materials None known based on information supplied.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Exposure Guidelines

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
2-(2-methoxypropoxy)propano 34590-94-8	STEL: 150 ppm TWA: 100 ppm S*	TWA: 100 ppm TWA: 600 mg/m ³ (vacated) TWA: 100 ppm (vacated) TWA: 600 mg/m ³ (vacated) STEL: 150 ppm (vacated) STEL: 900 mg/m ³ (vacated) S* S*	IDLH: 600 ppm TWA: 100 ppm TWA: 600 mg/m ³ STEL: 150 ppm STEL: 900 mg/m ³

NIOSH IDLH *Immediately Dangerous to Life or Health*

Other Information Vacated limits revoked by the Court of Appeals decision in AFL-CIO v. OSHA, 965 F.2d 962 (11th Cir., 1992).

Appropriate engineering controls

Engineering Controls Showers, Eyewash stations & Ventilation systems.

Individual protection measures, such as personal protective equipment

Eye/face protection Tight sealing safety goggles.

CTOC

Skin and body protection	Prolonged or repeated contact may be drying to skin. Wear protective gloves and protective clothing if needed.
Respiratory protection	If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.
General Hygiene	When using do not eat, drink or smoke. Regular cleaning of equipment, work area and clothing is recommended. Use personal protective equipment as required.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical state	Liquid
Appearance	Clear Green
Color	Green
Odor	Pleasant
Odor threshold	No Information available

Property	Values	Remarks • Method
pH	9.5 - 10.5	
Specific Gravity	0.999	
Viscosity	Water Thin	
Melting point/freezing point	No Information available	
Flash point	> 200 °F	
Boiling point / boiling range	< 212 °F	/
Evaporation rate	No Information available	
Flammability (solid, gas)		
Flammability Limits in Air		
Upper flammability limit:	No Information available	
Lower flammability limit:	No Information available	
Vapor pressure	No Information available	
Vapor density	No Information available	
Water solubility	Complete	
Partition coefficient	No Information available	
Autoignition temperature	No Information available	
Decomposition temperature	No Information available	

Other Information

Density Lbs/Gal	8.32
VOC Content (%)	0.95

10. STABILITY AND REACTIVITY

Reactivity
No data available

Chemical stability
Stable under recommended storage conditions.

Possibility of Hazardous Reactions
None under normal processing.

Conditions to avoid
Heat, flames and sparks.

Incompatible materials
None known based on information supplied.

C9015

Hazardous Decomposition Products

None known based on information supplied.

11. TOXICOLOGICAL INFORMATION**Information on likely routes of exposure**

Product Information	Harmful by inhalation, ingestion, in contact with eyes and skin.
Inhalation	Inhalation of vapors in high concentration may cause irritation of respiratory system. May cause central nervous system depression with nausea, headache, dizziness, vomiting, and incoordination.
Eye contact	Avoid contact with eyes. May cause irritation.
Skin Contact	Avoid contact with skin. Prolonged or repeated contact may dry skin and cause irritation.
Ingestion	Do not taste or swallow. May cause stomach distress, nausea, or vomiting.

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Sodium Alpha Olefin Sulfonate 68439-57-6	= 2310 mg/kg (Rat)	= 6300 mg/kg (Rabbit)	-
2-(2-methoxypropoxy)propano 34590-94-8	= 5230 mg/kg (Rat)	= 9500 mg/kg (Rabbit)	-
Sodium Laureth Sulfate 9004-82-4	= 1600 mg/kg (Rat)	-	-
Alcohols, C10-16, Ethoxylated 68002-97-1	= 1400 mg/kg (Rat)	-	-
Sodium Chloride 7647-14-5	= 3 g/kg (Rat)	> 10 g/kg (Rabbit)	> 42 g/m ³ (Rat) 1 h
Magnesium Nitrate 10377-60-3	= 5440 mg/kg (Rat)	-	-
Methyl Chloro Isothiazolinone 26172-55-4	= 481 mg/kg (Rat)	-	= 1.23 mg/L (Rat) 4 h
Magnesium Chloride 7786-30-3	= 2800 mg/kg (Rat)	-	-
Methyl Isothiazolinone 2682-20-4	> 2500 mg/kg (Rat)	> 2000 mg/kg (Rat)	= 5.71 mg/L (Rat) 4 h

Information on toxicological effects

Symptoms No Information available.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Sensitization No Information available.
Germ cell mutagenicity No Information available.
Carcinogenicity This product contains one or more substances which are classified by IARC as carcinogenic to humans (Group I), probably carcinogenic to humans (Group 2A) or possibly carcinogenic to humans (Group 2B).

Chemical Name	ACGIH	IARC	NTP	OSHA
Magnesium Nitrate 10377-60-3	-	Group 2A	-	X

Reproductive toxicity No Information available.
STOT - single exposure No Information available.
STOT - repeated exposure No Information available.
Aspiration hazard No Information available.

Numerical measures of toxicity - Product Information

Unknown Acute Toxicity 0% of the mixture consists of ingredient(s) of unknown toxicity

12. ECOLOGICAL INFORMATION**Ecotoxicity**

CLOE

2.9312% of the mixture consists of component(s) of unknown hazards to the aquatic environment

Chemical Name	Algae/aquatic plants	Fish	Crustacea
Sodium Alpha Olefin Sulfonate 68439-57-6	-	1.0 - 10.0: 96 h Brachydanio rerio mg/L LC50 static 12.2: 96 h Brachydanio rerio mg/L LC50 semi-static	-
2-(2-methoxypropoxy)propano 34590-94-8	-	10000: 96 h Pimephales promelas mg/L LC50 static	1919: 48 h Daphnia magna mg/L LC50
Sodium Chloride 7647-14-5	-	5560 - 6080: 96 h Lepomis macrochirus mg/L LC50 flow-through 12946: 96 h Lepomis macrochirus mg/L LC50 static 6020 - 7070: 96 h Pimephales promelas mg/L LC50 static 7050: 96 h Pimephales promelas mg/L LC50 semi-static 6420 - 6700: 96 h Pimephales promelas mg/L LC50 static 4747 - 7824: 96 h Oncorhynchus mykiss mg/L LC50 flow-through	1000: 48 h Daphnia magna mg/L EC50 340.7 - 469.2: 48 h Daphnia magna mg/L EC50 Static
Sodium Sulfate 7757-82-6	-	13500 - 14500: 96 h Pimephales promelas mg/L LC50 6800: 96 h Pimephales promelas mg/L LC50 static 3040 - 4380: 96 h Lepomis macrochirus mg/L LC50 static 13500: 96 h Lepomis macrochirus mg/L LC50	-
Methyl Chloro Isothiazolinone 26172-55-4	0.11 - 0.16: 72 h Pseudokirchneriella subcapitata mg/L EC50 static 0.03 - 0.13: 96 h Pseudokirchneriella subcapitata mg/L EC50 static 0.31: 120 h Anabaena flos-aquae mg/L EC50	1.6: 96 h Oncorhynchus mykiss mg/L LC50 semi-static	4.71: 48 h Daphnia magna mg/L EC50 0.12 - 0.3: 48 h Daphnia magna mg/L EC50 Flow through 0.71 - 0.99: 48 h Daphnia magna mg/L EC50 Static
Magnesium Chloride 7786-30-3	2200: 72 h Desmodesmus subspicatus mg/L EC50	1970 - 3880: 96 h Pimephales promelas mg/L LC50 static 4210: 96 h Gambusia affinis mg/L LC50 static	140: 48 h Daphnia magna mg/L EC50 Static 1400: 24 h Daphnia magna mg/L EC50

Persistence and degradability

No Information available.

Bioaccumulation

Bioaccumulative potential.

Chemical Name	Partition coefficient
2-(2-methoxypropoxy)propano 34590-94-8	-0.064
Methyl Chloro Isothiazolinone 26172-55-4	-0.71 - 0.75

Other adverse effects

No Information available

13. DISPOSAL CONSIDERATIONS

Waste treatment methods

Disposal of wastes

Disposal should be in accordance with applicable regional, national and local laws and regulations.

Contaminated packaging

Do not reuse container.

This product contains one or more substances that are listed with the State of California as a hazardous waste.

Chemical Name	California Hazardous Waste Status
Magnesium Nitrate 10377-60-3	Ignitable Reactive

C70F

14. TRANSPORT INFORMATION

The basic description below is specific to the container size. This information is provided for at a glance DOT information. Please refer to the container and/or shipping papers for the appropriate shipping description before tendering this material for shipment. For additional information, please contact the distributor listed in section 1 of this SDS.

DOT Not regulated
TDG Not regulated

15. REGULATORY INFORMATION

International Inventories

TSCA Complies
DSL/NDSL Complies

Legend:

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory
DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

US Federal Regulations

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

SARA 311/312 Hazard Categories

Acute health hazard Yes
Chronic Health Hazard No
Fire hazard Yes
Sudden release of pressure hazard No
Reactive Hazard No

CWA (Clean Water Act)

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

CERCLA

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material

US State Regulations

California Proposition 65

This product is not subject to warning labeling under California Proposition 65.

U.S. State Right-to-Know Regulations

Chemical Name	New Jersey	Massachusetts	Pennsylvania
Magnesium Nitrate 10377-60-3	X	X	X

U.S. EPA Label Information

EPA Pesticide Registration Number Not Applicable

16. OTHER INFORMATION

NFPA Health hazards 1 Flammability 0 Instability 0 Physical and Chemical Properties Yes
HMIS Health hazards 1 Flammability 0 Physical hazards 0 Personal protection B

Issue Date 19-Jun-2015
Revision Date 01-Apr-2015

C101E1

Revision Note

No Information available

Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet

C19H



MATERIAL SAFETY DATA SHEET

PRODUCT NAME: ENCAPUCLEAN GREEN DS CC15GL

SECTION 1: PRODUCT INFORMATION

PRODUCT NAME: Encapuclean Green DS
MANUFACTURER:
Bridgepoint Systems
4282 S 590 W
Salt Lake City, UT 84123
Telephone: 801-261-1282
Prepared 02/01/2011

EMERGENCIES: (800) 535-5053 (Infotrac)

Hazard Rating (Zero=Insignificant 1= Slight 2= Moderate 3= High 4= Extreme)
Fire: 0 Health:1 Reactivity:0

SECTION 2 COMPOSITION/INFORMATION ON COMPONENTS

<u>COMPONENTS</u>	<u>CAS NUMBER</u>	<u>%</u>	<u>TLV</u>
There are no components contained in this material that are considered hazardous under 29CFR1910.1200.			

SECTION 3 HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

Physical Properties: clear solution with mild odor

IMMEDIATE HEALTH EFFECTS

Eyes: Overexposure may cause irritation to eyes.

Skin: Prolonged and repeated contact may cause irritation to skin.

Inhalation: Inhalation may cause irritation of upper respiratory passages.

Ingestion: Single dose oral toxicity is low. Swallowing large amounts may be harmful.

PRIMARY ROUTES OF ENTRY: Eyes, skin contact/absorption, inhalation or ingestion.

SIGNS/SYMPTOMS OF OVEREXPOSURE: Gastrointestinal irritation (nausea, vomiting, diarrhea), and/or irritation to the skin, eyes, nose, throat, and respiratory tract.

TARGET ORGAN EFFECTS: Irritation of the skin and eyes. Irritation of lungs possible if mists/aerosols are inhaled.

CIA

MATERIAL SAFETY DATA SHEET
PRODUCT NAME: ENCAPUCLEAN GREEN DS CC15
Page 2 of 5

REPRODUCTIVE/DEVELOPMENTAL INFORMATION: No data available.

CARCINOGENIC INFORMATION: None of the ingredients of this material are listed as carcinogens by IARC, NTP, or OSHA.

LONG TERM EFFECTS: No data available.

SECTION 4 FIRST AID MEASURES

EYES: Flush eyes with water for at least 15 minutes. If irritation persists, consult a physician.

SKIN: If irritation occurs, flush skin with water for at least 15 minutes. If irritation persists, consult a physician

INHALATION: If symptoms of overexposure develop, remove to fresh air. If symptoms persist, consult a physician.

INGESTION: Give 8 to 16 ounces of water to dilute substance. Do not induce vomiting. Consult a physician or local Poison Control Center. Never give anything by mouth to an unconscious person.

SECTION 5 FIRE FIGHTING MEASURES

FLASHPOINT (° Fahrenheit): No flash below boil.

EXPLOSIVE LIMITS: No data available.

AUTOIGNITION TEMPERATURE: No data available.

HAZARDOUS PRODUCTS OF COMBUSTION: In the event of fire, the following may be released: Carbon dioxide and/or carbon monoxide, oxides of nitrogen and sulfur.

EXTINGUISHING MEDIA: Water spray, foam, dry chemical powder of carbon dioxide.

FIRE FIGHTING INSTRUCTIONS: Firefighters should wear proper protective equipment and self-contained breathing apparatus with full facepiece operated in positive pressure mode. Move containers from fire area if it can be done without risk. Use water to keep fire-exposed containers cool.

NFPA/HMIS RATINGS: Health: 1, Flammability: 0, Reactivity: 0

SECTION 6 ACCIDENTAL RELEASE MEASURES

SMALL SPILL: Vacuum liquid with extraction machine.

LARGE SPILL: Stop spill at source, contain area of spill to prevent spreading. Vacuum liquid with extraction machine or liquid may be absorbed with inert material such as dry sand, vermiculite, and shoveled into containers. Dispose of through sewage system or to landfill if absorbed into inert material.

CI B

MATERIAL SAFETY DATA SHEET
PRODUCT NAME: ENCAPUCLEAN GREEN DS CC15
Page 3 of 5

SECTION 7 HANDLING AND STORAGE

HANDLING: Handle and open containers with care.

STORAGE: Store in a cool, well ventilated place away from incompatible materials.

SECTION 8 EXPOSURE CONTROLS / PERSONAL PROTECTION

Respiratory Protection...	None normally needed.
Protective Clothing.....	None normally needed.
Eye Protection.....	None normally needed.
Ventilation.....	Normal room ventilation should suffice
Storage.....	Store above 55°F. Store out of reach of Children. Keep container tightly closed

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE AND ODOR: Clear, light amber solution/ sweet floral fragrance

pH: 8.0

VAPOR PRESSURE: No data available.

VAPOR DENSITY: No data available.

BOILING POINT: 212° F

SOLUBILITY IN WATER: Soluble

EVAPORATION RATE: (water = 1) approximately 1

DENSITY: 1.021

SECTION 10 STABILITY AND REACTIVITY

CHEMICAL STABILITY: Stable.

CONDITIONS TO AVOID: None with proper storing and handling.

MATERIALS TO AVOID: Strong oxidizing materials.

HAZARDOUS DECOMPOSITION: Upon combustion, the following may be produced:
Carbon dioxide and/or carbon monoxide, oxides of nitrogen and sulfur.

HAZARDOUS POLYMERIZATION: Will not occur.

SECTION 11 TOXICOLOGICAL INFORMATION

C112

MATERIAL SAFETY DATA SHEET
PRODUCT NAME: ENCAPUCLEAN GREEN DS CC15

Page 4 of 5

ROUTES OF EXPOSURE: Skin absorption, eye contact, inhalation, and ingestion.

CARCINOGENICITY: None of the components of this material are listed as carcinogens by IARC, NTP, or OSHA.

TERATOGENICITY, MUTAGENICITY, OR OTHER REPRODUCTIVE EFFECTS: No data available.

CONDITIONS AGGREGATED BY EXPOSURE: No data available.

SYNERGISTIC MATERIALS: No data available.

SECTION 12 ECOLOGICAL INFORMATION

No data available.

SECTION 13 DISPOSAL CONSIDERATIONS

Do not dispose of on the land, in surface waters, or in storm drains. Small spills and waste may be flushed into a waste treatment sewer where local regulations permit. **All disposal must be in accordance with all federal, state and local regulations.**

RCRA INFORMATION: If this material becomes a waste, it would not be considered hazardous under 40CFR261.

SECTION 14 TRANSPORT INFORMATION

DOT INFORMATION – 49CFR172.101

Proper shipping name: Compounds, cleaning, liquid – NOS

DOT Hazardous Class: Non hazardous

Hazardous Components: None

REPORTABLE QUANTITY– 49CFR172.101: Not applicable

SECTION 15 REGULATORY INFORMATION

US FEDERAL REGULATIONS

TSCA Status: The intentional components of this product are listed.

CERCLA Reportable Quantities – 40CFR355 APPENDIX A: None.

SARA 313 – 40CFR372.65: None.

STATE AND LOCAL REGULATIONS

CALIFORNIA PROPOSITION 65:

None

C11D

MATERIAL SAFETY DATA SHEET
PRODUCT NAME: ENCAPUCLEAN GREEN DS CC15

Page 5 of 5

MASSACHUSETTS:

None

NEW JERSEY:

None

PENNSYLVANIA:

None

SECTION 16: OTHER INFORMATION

This product has no established regulatory information. All regulatory information given is based on individual components of the mixture by component number. While this information and recommendations set forth herein are believed to be accurate and reliable, it is provided without warranty regarding its accuracy. BRIDGEPOINT SYSTEMS MAKES NO WARRANTY WITH RESPECT HERETO AND DISCLAIMS ALL LIABILITY FROM RELIANCE THEREON. Users must determine safe conditions for use and assume liability for any loss, injury, damage or expense resulting from use of this product.

N/A= Not applicable N/D= Not determined N/E= Not established

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SAFETY DATA SHEET

Supersedes Date: 21-Sept-2015

Revision Date: 21-Sept-2015

Version 1

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Product identifier

Product Label Name Bridgepoint – EncapuGuard Green
Other means of identification
UPC Code(s) Not applicable
Product code CR13
Synonyms None

Recommended use of the chemical and restrictions on use

Recommended Use Post cleaning protective treatment.
Uses advised against Follow label instructions. Not recommended for any use except intended use.

Supplier's details

Supplier Address	Manufacturer Address
Bridgepoint Systems	Bridgepoint Systems
4282 South 590 West	4282 South 590 West
Salt Lake City, UT 84123	Salt Lake City, UT 84123
USA	USA

Emergency telephone number

Company Phone Number 1-800-658-5314
Company Emergency Phone Number United States: 1-800-535-5053 (INFOTRAC – 24 hours, 7 days a week)
International: 1-352-323-3500 (INFOTRAC – 24 hours, 7 days a week)
Emergency telephone Poison Control 1-800-222-1222 (24 hour)

2. HAZARDS IDENTIFICATION

Classification

OSHA Regulatory Status
This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

Skin corrosion/irritation	Category 2
Serious eye damage/eye irritation	Category 2

GHS Label elements, including precautionary statements

Emergency Overview

Warning
Hazard Statements
Causes skin irritation
Causes serious eye irritation

C12A



Appearance Clear Liquid **Physical state** liquid **Odor** Acrid

Precautionary Statements - Prevention

Wash face, hands and any exposed skin thoroughly after handling
Wear protective gloves/protective clothing/eye protection/face protection

Precautionary Statements - Response

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
If eye irritation persists: Get medical advice/attention
ON SKIN: Wash with plenty of soap and water
If skin irritation occurs: Get medical advice/attention
Take off contaminated clothing and wash before reuse

Hazards not otherwise classified (HNOC)

Other information

- May be harmful in contact with skin
 - May cause drowsiness or dizziness
- General Hazards
Keep out of reach of children
Please see Section 11. Toxicological Information for further information
2.2611% of the mixture consists of ingredient(s) of unknown toxicity

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS-No	Weight %	Trade Secret
Proprietary Polymer	Proprietary	1 - 5	*
Isopropyl alcohol	67-63-0	0.1 - 1	*

*The exact percentage (concentration) of composition has been withheld as a trade secret

4. FIRST AID MEASURES

First aid measures for different exposure routes

- General advice** If symptoms persist, call a physician.
- Eye contact** Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. If symptoms persist, call a physician. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Keep eye wide open while rinsing.
- Skin contact** Wash off immediately with plenty of water for at least 15 minutes. If skin irritation persists, call a physician. Immediate medical attention is not required. Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes.
- Toxic - Inhalation** Move to fresh air. If symptoms persist, call a physician. Immediate medical attention is not required. Move to fresh air in case of accidental inhalation of vapors.

C12B

Ingestion Immediate medical attention is not required. Rinse mouth. Drink plenty of water. Do NOT induce vomiting. Clean mouth with water and drink afterwards plenty of water. Never give anything by mouth to an unconscious person. Consult a physician.

Protection of First-aiders Use personal protective equipment.

Most important symptoms/effects, acute and delayed

Main Symptoms No information available.

Indication of immediate medical attention and special treatment needed, if necessary

Notes to physician Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable Extinguishing Media CAUTION: Use of water spray when fighting fire may be inefficient.

Specific hazards arising from the chemical

No information available.

Hazardous Combustion Products No information available.

Explosion Data

Sensitivity to Mechanical Impact None.

Sensitivity to Static Discharge None.

Protective Equipment and Precautions for Firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal precautions Use personal protective equipment. Avoid contact with the skin and the eyes. Evacuate personnel to safe areas. Keep people away from and upwind of spill/leak.

Advice for emergency responders For personal protection see section 8.

Environmental precautions

Environmental precautions Prevent entry into waterways, sewers, basements or confined areas. Do not flush into surface water or sanitary sewer system. Prevent further leakage or spillage if safe to do so. Prevent product from entering drains.

Methods and materials for containment and cleaning up

Methods for Containment Prevent further leakage or spillage if safe to do so.

Methods for cleaning up Use personal protective equipment. Dam up. Cover liquid spill with sand, earth or other noncombustible absorbent material. Take up mechanically, placing in appropriate containers for disposal. Clean contaminated surface thoroughly. Soak up with inert absorbent material. Pick up and transfer to properly labeled containers.

7. HANDLING AND STORAGE

Precautions for safe handling

Advice on safe handling Ensure adequate ventilation. Wear personal protective equipment. Use only in area provided with appropriate exhaust ventilation. Do not breathe vapors or spray mist.

Conditions for safe storage, including any incompatibilities

Technical measures/Storage conditions Keep container tightly closed. Keep out of the reach of children. Keep containers tightly closed in a cool, well-ventilated place. Keep in properly labeled containers.

Packaging material Keep product in packaging product is initially sold in.

Incompatible products None known based on information supplied.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Exposure Guidelines

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Isopropyl alcohol 67-63-0	STEL: 400 ppm TWA: 200 ppm	TWA: 400 ppm TWA: 980 mg/m ³ (vacated) TWA: 400 ppm (vacated) TWA: 980 mg/m ³ (vacated) STEL: 500 ppm (vacated) STEL: 1225 mg/m ³	IDLH: 2000 ppm TWA: 400 ppm TWA: 980 mg/m ³ STEL: 500 ppm STEL: 1225 mg/m ³
Sodium Hydroxide 1310-73-2	Ceiling: 2 mg/m ³	TWA: 2 mg/m ³ (vacated) Ceiling: 2 mg/m ³	IDLH: 10 mg/m ³ Ceiling: 2 mg/m ³

NIOSH IDLH: *Immediately Dangerous to Life or Health*

Other Exposure Guidelines Vacated limits revoked by the Court of Appeals decision in AFL-CIO v. OSHA, 965 F.2d 962 (11th Cir., 1992).

Appropriate engineering controls

Engineering Measures Showers
Eyewash stations
Ventilation systems.

Individual protection measures, such as personal protective equipment

Eye/Face Protection Tightly fitting safety goggles. Face-shield.

Skin and body protection No special protective equipment required.

Respiratory protection If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.

Hygiene measures When using, do not eat, drink or smoke. Remove and wash contaminated clothing before re-use. Provide regular cleaning of equipment, work area and clothing.

9. PHYSICAL AND CHEMICAL PROPERTIES

C18D

Physical and chemical properties

Physical state	liquid	Odor	Acrid
Appearance	Clear Liquid	Odor threshold	No information available
Color	amber		
<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>	
pH	2.6		
Melting point	No information available		
Boiling point/boiling range	No information available		
Flash Point	> 94 °C / > 201 °F		
Evaporation rate	No information available		
Flammability (solid, gas)	No information available		
Flammability Limits in Air			
Upper Flammability Limit	No information available		
Lower Flammability Limit	No information available		
Vapor pressure	No information available		
Vapor density	No information available		
Specific Gravity	1.014		
Water solubility	Soluble in water		
Solubility in other solvents	No information available		
Partition coefficient: n-octanol/water	No information available		
Autoignition temperature	No information available		
Decomposition temperature	No information available		
Viscosity, kinematic	200		
Viscosity, dynamic	No information available		
Explosive properties	No information available		
Oxidizing Properties	No information available		

Other information

Softening point	No information available
Molecular weight	No information available
VOC Content(%)	No information available
Density VALUE	1.014
Bulk Density VALUE	No information available

10. STABILITY AND REACTIVITY**Reactivity****Chemical stability**

Stable under recommended storage conditions.

Possibility of hazardous reactions

None under normal processing.

Hazardous Polymerization	None under normal processing.
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Conditions to Avoid

Extremes of temperature and direct sunlight.

Incompatible Materials

None known based on information supplied.

Hazardous Decomposition Products

None known based on information supplied.

11. TOXICOLOGICAL INFORMATION

CISE

Information on likely routes of exposure

Product Information

- Toxic - Inhalation** Avoid breathing vapors or mists. May cause irritation of respiratory tract.
- Eye contact** Avoid contact with eyes. Irritating to eyes.
- Skin contact** Avoid contact with skin. Irritating to skin.
- Ingestion** Do not taste or swallow. Ingestion may cause stomach discomfort. May cause irritation.

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Proprietary Polymer	5000 mg/kg (Rat)	5000 mg/kg (Rabbit)	
Isopropyl alcohol 67-63-0	= 4396 mg/kg (Rat)	= 12800 mg/kg (Rabbit)	= 16000 ppm (Rat) 8 h

Information on toxicological effects

Symptoms No information available.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

- Skin corrosion/irritation** No information available.
- Eye damage/irritation** No information available.
- Sensitization** No information available.
- Germ Cell Mutagenicity** No information available.
- Carcinogenicity** The table below indicates whether each agency has listed any ingredient as a carcinogen.

Chemical Name	ACGIH	IARC	NTP	OSHA
Isopropyl alcohol 67-63-0		Group 3		

*IARC: (International Agency for Research on Cancer)
Group 3 - Not Classifiable as to Carcinogenicity in Humans*

- Reproductive toxicity** No information available.
- Developmental Toxicity** No information available.
- STOT - single exposure** No information available.
- STOT - repeated exposure** No information available.
- Chronic toxicity** Avoid repeated exposure.
- Aspiration hazard** No information available.

Numerical measures of toxicity - Product Information

- Unknown acute toxicity** 2.2611% of the mixture consists of ingredient(s) of unknown toxicity
- The following values are calculated based on chapter 3.1 of the GHS document**
- ATEmix (oral)** 5765 mg/kg
- ATEmix (dermal)** 5765 mg/kg

12. ECOLOGICAL INFORMATION

Ecotoxicity

88.9902% of the mixture consists of component(s) of unknown hazards to the aquatic environment

Chemical Name	Toxicity to algae	Toxicity to fish	Toxicity to daphnia and other aquatic invertebrates
Isopropyl alcohol 67-63-0	1000: 96 h Desmodemus subspicatus mg/L EC50 1000: 72 h Desmodemus subspicatus mg/L EC50	1400000: 96 h Lepomis macrochirus µg/L LC50 11130: 96 h Pimephales promelas mg/L LC50 static 9640: 96 h Pimephales promelas mg/L LC50 flow-through	13299: 48 h Daphnia magna mg/L EC50

C12F

Persistence and degradability

No information available.

Bioaccumulation

No information available.

Chemical Name	Partition coefficient
Isopropyl alcohol 67-63-0	0.05

Other adverse effects

No information available

13. DISPOSAL CONSIDERATIONS

Waste treatment

Waste Disposal Methods

Disposal should be in accordance with applicable regional, national and local laws and regulations.

Contaminated packaging

Do not re-use empty containers.

This product contains one or more substances that are listed with the State of California as a hazardous waste.

Chemical Name	California Hazardous Waste Status
Isopropyl alcohol 67-63-0	Toxic Ignitable

14. TRANSPORT INFORMATION

DOT

Not regulated

15. REGULATORY INFORMATION

International Inventories

TSCA Complies
DSL/NDSL Complies

Legend:

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory
DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

US Federal Regulations

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

SARA 311/312 Hazard Categories

Acute Health Hazard	Yes
Chronic Health Hazard	No
Fire Hazard	No
Sudden Release of Pressure Hazard	No
Reactive Hazard	No

C12B

Clean Water Act

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

CERCLA

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material.

US State Regulations

California Proposition 65

This product does not contain any Proposition 65 chemicals.

U.S. State Right-to-Know Regulations

Chemical Name	New Jersey	Massachusetts	Pennsylvania
Isopropyl alcohol 67-63-0	X	X	X
Sodium Sulfate 7757-82-6		X	X
Sodium Hydroxide 1310-73-2	X	X	X

U.S. EPA Label information

EPA Pesticide Registration Number Not applicable

16. OTHER INFORMATION

<u>NFPA</u>	Health hazard 1	Flammability 1	Instability 0	Physical and chemical hazards -
<u>HMIS</u>	Health hazard 1	Flammability 1	Physical Hazard 0	Personal protection X

Prepared By Bridgepoint Systems
Environmental Health & Safety Manager

Revision Date 21-Sept-2015

Revision Note

No information available

Disclaimer

The (M)SDS is intended to provide a brief summary of our knowledge and guidance regarding the use of this material. The information contained here has been compiled from sources considered by Bridgewater LLC to be dependable and is accurate to the best of the Company's knowledge. It is not meant to be an all-inclusive document on worldwide hazard communication regulations.

This information is offered in good faith. Each user of this material needs to evaluate the conditions of use and design the appropriate protective mechanisms to prevent employee exposures, property damage or release to the environment. Bridgewater LLC assumes no responsibility for injury to the recipient of third persons, or for any damage to any property resulting from misuse of the product.

End of Material Safety Data Sheet

C124

SAFETY DATA SHEET



Revision Date 02-Sep-2016
Version 1.01

1. Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

Product name EnzAll
Product code W.20461B

1.2 Relevant identified uses of the substance or mixture and uses advised against

Recommended Use Professional Carpet Cleaning
Restrictions on use Professional Use Only

1.3 Details of the supplier of the safety data sheet

Manufacturer Address Legend Brands
4520 Eastgate Parkway
Mississauga, ON L4W 3W6
800-932-3030

Supplier Legend Brands
Chemspec
15180 Josh Wilson Road
Burlington, WA 98233
800-932-3030

E-mail Address msds@chemspecworld.com

1.4 Emergency telephone number

Emergency telephone number INFOTRAC 1-800-535-5053 (North America)
1-352-323-3500 (International)

2. Hazards identification

2.1 Classification of the substance or mixture

GHS Classification in accordance with 29 CFR 1910.1200

Serious eye damage/eye irritation	Category 1
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2.2 Label elements

Signal Word

Danger

Hazard Statements

Causes serious eye damage

**Precautionary Statements - Prevention**

Wear eye protection/ face protection

Precautionary Statements - Response

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
Immediately call a POISON CENTER or doctor

2.3. Other Hazards Hazards not otherwise classified (HNOC)

Not Applicable

2.4 Other information

Not Applicable

Unknown Acute Toxicity

< 1% of the mixture consists of ingredient(s) of unknown toxicity

3. Composition/Information on Ingredients

**Substance
Mixture**

Chemical Name	CAS-No	Weight %
Ethoxylated Alcohol Mixture	CHEM-R.1274	10 - 20
Sodium carbonate	497-19-8	10 - 20
Tetrasodium Pyrophosphate	7722-88-5	1 - 5
Sodium sulphate	7757-82-6	1 - 5

The exact percentage (concentration) of composition has been withheld as a trade secret.

4. First aid measures

4.1 Description of first-aid measures

General advice	No information available.
Eye contact	Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.
Skin contact	Wash off immediately with soap and plenty of water. Remove all contaminated clothes and shoes.
Inhalation	Move to fresh air. If symptoms persist, call a physician.
Ingestion	Allergic symptoms may develop within 12 hours after exposure.

4.2 Most important symptoms and effects, both acute and delayed

Symptoms See Section 2.2, Label Elements and/or Section 11, Toxicological effects.

4.3 Indication of any immediate medical attention and special treatment needed

Notes to physician Treat symptomatically.

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5. Fire-Fighting Measures

5.1 Extinguishing media

Suitable extinguishing media

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable Extinguishing Media None.

5.2 Special hazards arising from the substance or mixture

Special Hazard

None known based on information supplied

Hazardous Combustion Products No information available.

Explosion Data

Sensitivity to Mechanical Impact None.

Sensitivity to Static Discharge None.

5.3 Advice for firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

6. Accidental Release Measures

6.1 Personal precautions, protective equipment and emergency procedures

Ensure adequate ventilation, especially in confined areas.

6.2 Environmental precautions

See Section 12 for additional Ecological information.

6.3 Methods and materials for containment and cleaning up

Methods for Containment Prevent further leakage or spillage if safe to do so.

Methods for cleaning up Pick up and transfer to properly labeled containers.

7. Handling and storage

7.1 Precautions for safe handling

Hygiene measures Handle in accordance with good industrial hygiene and safety practice.

7.2 Conditions for safe storage, including any incompatibilities

Storage Conditions Keep away from open flames, hot surfaces and sources of ignition. Keep container tightly closed in a dry and well-ventilated place.

Materials to Avoid No materials to be especially mentioned.

8. Exposure controls/personal protection

8.1 Exposure Guidelines

Chemical Name	ACGIH TLV	OSHA PEL	British Columbia	Alberta	Quebec	Ontario TWAEV
Tetrasodium Pyrophosphate	-	-			TWA: 5 mg/m ³	TWA: 5 mg/m ³

CIBC

7722-88-5					
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8.2 Appropriate engineering controls

Engineering Measures Showers
 Eyewash stations
 Ventilation systems.

8.3 Individual protection measures, such as personal protective equipment

Eye/Face Protection Safety glasses with side-shields.

Skin and body protection Wear chemical resistant footwear and clothing such as gloves, an apron or a whole body suit as appropriate.

Respiratory protection . NIOSH/MSHA approved respiratory protection should be worn if exposure is anticipated.

Hygiene measures See section 7 for more information

9. Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical state Solid
Appearance Powder
Color Off-white
Odor Downey-like
Odor Threshold No information available

<u>Property</u>	<u>Values</u>	<u>Remarks • Methods</u>
pH	10.9	(as 1% solution) No information available
Melting/freezing point		
Boiling point/boiling range	Not applicable	
Flash Point	Not Applicable	
Evaporation rate		No information available
Flammability (solid, gas)		No information available
Flammability Limits in Air		
upper flammability limit		No information available
lower flammability limit		No information available
Vapor pressure		No information available
Vapor density		No information available
Specific Gravity		No information available
Water solubility	Miscible	
Solubility in other solvents		No information available
Partition coefficient		No information available
Autoignition temperature		No information available
Decomposition temperature		No information available
Viscosity, kinematic		No information available
Viscosity, dynamic		No information available
Explosive properties		No information available
Oxidizing Properties		No information available

9.2 Other information

Volatile organic compounds (VOC) content <2%

10. Stability and Reactivity

10.1 Reactivity

No data available

10.2 Chemical stability

C131D

Stable under recommended storage conditions

10.3 Possibility of hazardous reactions

None under normal processing.

10.4 Conditions to Avoid

Extremes of temperature and direct sunlight.

10.5 Incompatible Materials

None known based on information supplied.

10.6 Hazardous Decomposition Products

Sulfur oxides. Carbon monoxide, carbon dioxide and unburned hydrocarbons (smoke).

11. Toxicological information

11.1 Acute toxicity

Numerical measures of toxicity: Product Information

The following values are calculated based on chapter 3.1 of the GHS document

Unknown Acute Toxicity < 1% of the mixture consists of ingredient(s) of unknown toxicity

Oral LD50	17,240.00 mg/kg
Dermal LD50	17,857.00 mg/kg
LC50 (Dust/Mist)	5.30 mg/l

Numerical measures of toxicity: Component Information

Chemical Name	LD50 Oral	LD50 Dermal	LC50 Inhalation
Sodium carbonate 497-19-8	4090 mg/kg (Rat)	-	= 2300 mg/m ³ (Rat) 2 h
Tetrasodium Pyrophosphate 7722-88-5	1000 - 3000 mg/kg (Rat)	-	-
Sodium sulphate 7757-82-6	10000 mg/kg (Rat)	-	-

11.2 Information on toxicological effects

Skin corrosion/irritation

Product Information

- No information available

Component Information

- No information available

Serious eye damage/eye irritation

Product Information

- No information available

Component Information

- No information available

Respiratory or skin sensitization

Product Information

- No information available

Component Information

- No information available

Germ cell mutagenicityProduct Information

- No information available

Component Information

- No information available

CarcinogenicityProduct Information

- No information available

Component Information

- No information available

Reproductive toxicityProduct Information

- No information available

Component Information

- No information available

STOT - single exposure

No information available

STOT - repeated exposure

No information available

Other adverse effectsProduct Information

- No information available

Component Information

- No information available

Aspiration hazardProduct Information

- No information available

Component Information

- No information available

12. Ecological information

12.1 Toxicity**Ecotoxicity**

No information available

67.4845 % of the mixture consists of components(s) of unknown hazards to the aquatic environment

Ecotoxicity effects

Chemical Name	Toxicity to algae	Toxicity to fish	Toxicity to daphnia and other aquatic invertebrates
Sodium carbonate 497-19-8	-	LC50: 96 h <i>Lepomis macrochirus</i> 300 mg/L static LC50: 96 h <i>Pimephales promelas</i> 310 - 1220 mg/L static	EC50: 48 h <i>Daphnia magna</i> 265 mg/L
Sodium sulphate 7757-82-6	-	LC50: 96 h <i>Pimephales promelas</i> 13500 - 14500 mg/L LC50: 96 h <i>Pimephales promelas</i> 6800 mg/L static LC50: 96 h <i>Lepomis</i> <i>macrochirus</i> 3040 - 4380 mg/L static LC50: 96 h <i>Lepomis</i> <i>macrochirus</i> 13500 mg/L	EC50: 48 h <i>Daphnia magna</i> 2564 mg/L

12.2 Persistence and degradability

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No information available.

12.3 Bioaccumulative potential

Discharge into the environment must be avoided

12.4 Mobility in soil

No information available.

12.5 Other adverse effects

No information available

13. Disposal Considerations

13.1 Waste treatment methods

Disposal should be in accordance with applicable regional, national and local laws and regulations.

14. Transport Information

DOT Not regulated

MEX Not regulated

IMDG Not regulated

IATA Not regulated

15. Regulatory information

15.1 International Inventories

TSCA	Complies
DSL	Complies
EINECS/ELINCS	Complies
ENCS	Complies
IECSC	Complies
KECL	Complies
PICCS	Complies
AICS	Complies
NZIoC	-

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

DSL - Canadian Domestic Substances List

EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances

PICCS - Philippines Inventory of Chemicals and Chemical Substances

ENCS - Japan Existing and New Chemical Substances

IECSC - China Inventory of Existing Chemical Substances

KECL - Korean Existing and Evaluated Chemical Substances

PICCS - Philippines Inventory of Chemicals and Chemical Substances

AICS - Australian Inventory of Chemical Substances

NZIoC - New Zealand Inventory of Chemicals

15.2 U.S. Federal Regulations

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

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15.3 Pesticide Information

Not applicable

15.4 U.S. State Regulations**California Proposition 65**

This product does not contain any Proposition 65 chemicals

16. Other information

NFPA	Health Hazard 3	Flammability 0	Instability 0	Physical and chemical hazards -
HMS	Health Hazard 3	Flammability 0	Physical Hazard 0	Personal protection X

Legend:ACGIH (*American Conference of Governmental Industrial Hygienists*)

Ceiling (C)

DOT (*Department of Transportation*)EPA (*Environmental Protection Agency*)IARC (*International Agency for Research on Cancer*)

International Air Transport Association (IATA)

International Maritime Dangerous Goods (IMDG)

NIOSH (*National Institute for Occupational Safety and Health*)NTP (*National Toxicology Program*)OSHA (*Occupational Safety and Health Administration of the US Department of Labor*)PEL (*Permissible Exposure Limit*)

Reportable Quantity (RQ)

Skin designation (S*)

STEL (*Short Term Exposure Limit*)TLV® (*Threshold Limit Value*)TWA (*time-weighted average*)**Prepared By** Chemspec Regulatory Affairs/Product Safety**Revision Date** 02-Sep-2016**Revision Note**
No information available**Disclaimer**

The information provided on this SDS is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.

End of Safety Data Sheet

CIB H



SAFETY DATA SHEET

Supersedes Date: 11-Apr-2016

Revision Date: 11-Apr-2016

Version: 1

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Product identifier

Product Label Name	Flex Fire Rinse
<u>Other means of identification</u>	
UPC Code(s)	Not applicable
Product code	CC24
Synonyms	None

Recommended use of the chemical and restrictions on use

Recommended Use	Extraction rinse for all surfaces
Uses advised against	Follow label instructions. Not recommended for any use except intended use.

Supplier's details

Supplier Address	Manufacturer Address
Bridgepoint Systems	Bridgepoint Systems
4282 South 590 West	4282 South 590 West
Salt Lake City, UT 84123	Salt Lake City, UT 84123
USA	USA

Emergency telephone number

Company Phone Number	1-800-658-5314
Company Emergency Phone Number	United States: 1-800-535-5053 (INFOTRAC – 24 hours, 7 days a week)
Emergency telephone	International: 1-352-323-3500 (INFOTRAC – 24 hours, 7 days a week)
	Poison Control 1-800-222-1222 (24 hour)

2. HAZARDS IDENTIFICATION

Classification

OSHA Regulatory Status

This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

Skin corrosion/irritation	Category 1
Serious eye damage/eye irritation	Category 1

GHS Label elements, including precautionary statements

Emergency Overview

Danger

Hazard Statements

Causes severe skin burns and eye damage

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Appearance powder

Physical state solid

Odor Lemon

Precautionary Statements - Prevention

Do not breathe dust/fume/gas/mist/vapors/spray
 Wash face, hands and any exposed skin thoroughly after handling
 Wear protective gloves/protective clothing/eye protection/face protection

Precautionary Statements - Response

Immediately call a POISON CENTER or doctor/physician
 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower
 Wash contaminated clothing before reuse
 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing
 Call a POISON CENTER or doctor/physician if you feel unwell
 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting

Precautionary Statements - Storage

Store locked up

Precautionary Statements - Disposal

Dispose of contents/container to an approved waste disposal plant

Hazards not otherwise classified (HNOC)**Other information**

- May be harmful if swallowed
 - General Hazards
 - Keep out of reach of children
 - Please see Section 11. Toxicological Information for further information
- 2.568% of the mixture consists of ingredient(s) of unknown toxicity

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS-No	Weight %	Trade Secret
Sodium carbonate	497-19-8	10 - 30	*
Sodium metasilicate	6834-92-0	10 - 30	*
ALCOHOLS, C9-11, ETHOXYLATED	68439-46-3	5 - 10	*

*The exact percentage (concentration) of composition has been withheld as a trade secret

4. FIRST AID MEASURES

First aid measures for different exposure routes

General advice	Immediate medical attention is required.
Eye contact	Immediate medical attention is required. Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Keep eye wide open while rinsing. Do not rub affected area.
Skin contact	Immediate medical attention is required. Wash off immediately with soap and plenty of water

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while removing all contaminated clothes and shoes.

Toxic - Inhalation	Move to fresh air. Call a physician or Poison Control Center immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen.
Ingestion	Immediate medical attention is required. Do NOT induce vomiting. Drink plenty of water. Never give anything by mouth to an unconscious person. Remove from exposure, lie down. Clean mouth with water and drink afterwards plenty of water. Call a physician or Poison Control Center immediately.
Protection of First-aiders	Use personal protective equipment. Avoid contact with skin, eyes and clothing.

Most important symptoms/effects, acute and delayed

Main Symptoms No information available.

Indication of immediate medical attention and special treatment needed, if necessary

Notes to physician Product is a corrosive material. Use of gastric lavage or emesis is contraindicated. Possible perforation of stomach or esophagus should be investigated. Do not give chemical antidotes. Asphyxia from glottal edema may occur. Marked decrease in blood pressure may occur with moist rales, frothy sputum, and high pulse pressure. Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable Extinguishing Media CAUTION: Use of water spray when fighting fire may be inefficient.

Specific hazards arising from the chemical

The product causes burns of eyes, skin and mucous membranes. Thermal decomposition can lead to release of irritating gases and vapors. In the event of fire and/or explosion do not breathe fumes.

Hazardous Combustion Products No information available.

Explosion Data

Sensitivity to Mechanical Impact None.

Sensitivity to Static Discharge None.

Protective Equipment and Precautions for Firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal precautions	Evacuate personnel to safe areas. Use personal protective equipment. Avoid contact with skin, eyes and clothing. Keep people away from and upwind of spill/leak.
Other information	Refer to protective measures listed in Sections 7 and 8.
Advice for emergency responders	For personal protection see section 8.

Environmental precautions

Environmental precautions Do not allow material to contaminate ground water system. Should not be released into the

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environment. Prevent further leakage or spillage if safe to do so. Prevent product from entering drains.

Methods and materials for containment and cleaning up

Methods for Containment	Prevent further leakage or spillage if safe to do so.
Methods for cleaning up	Take up mechanically, placing in appropriate containers for disposal. Clean contaminated surface thoroughly. Use personal protective equipment. Cover powder spill with plastic sheet or tarp to minimize spreading and keep powder dry. Avoid dust formation. Dam up. After cleaning, flush away traces with water.

7. HANDLING AND STORAGE

Precautions for safe handling

Advice on safe handling	Wear personal protective equipment. Avoid contact with skin, eyes and clothing. Ensure adequate ventilation. In case of insufficient ventilation, wear suitable respiratory equipment. Handle product only in closed system or provide appropriate exhaust ventilation at machinery.
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Conditions for safe storage, including any incompatibilities

Technical measures/Storage conditions	Keep container tightly closed in a dry and well-ventilated place. Keep out of the reach of children. Keep containers tightly closed in a dry, cool and well-ventilated place. Keep in properly labeled containers.
Packaging material	Keep product in packaging product is initially sold in.
Incompatible products	Incompatible with strong acids and bases. Incompatible with oxidizing agents.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Exposure Guidelines	This product does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.
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Appropriate engineering controls

Engineering Measures	Showers Eyewash stations Ventilation systems.
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Individual protection measures, such as personal protective equipment

Eye/Face Protection	Tightly fitting safety goggles. Face-shield.
Skin and body protection	No special protective equipment required.
Respiratory protection	If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.
Hygiene measures	When using, do not eat, drink or smoke. Remove and wash contaminated clothing before re-use. Keep away from food, drink and animal feeding stuffs. Contaminated work clothing should not be allowed out of the workplace. Provide regular cleaning of equipment, work area and clothing. Avoid contact with skin, eyes and clothing. For environmental protection, remove and wash all contaminated protective equipment before re-use. Wear suitable gloves and eye/face protection.

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9. PHYSICAL AND CHEMICAL PROPERTIES

Physical and chemical properties

Physical state	solid		
Appearance	powder	Odor	Lemon
Color	orange	Odor threshold	No information available

Property	Values	Remarks • Method
pH	12.0	(as 1% solution)
Melting point	No information available	
Boiling point/boiling range	No information available	
Flash Point	No information available	
Evaporation rate	No information available	
Flammability (solid, gas)	No information available	
Flammability Limits in Air		
Upper Flammability Limit	No information available	
Lower Flammability Limit	No information available	
Vapor pressure	No information available	
Vapor density	No information available	
Specific Gravity	0.987	
Water solubility	Soluble in water	
Solubility in other solvents	No information available	
Partition coefficient: n-octanol/water	No information available	
Autoignition temperature	No information available	
Decomposition temperature	No information available	
Viscosity, kinematic	200 cps	
Viscosity, dynamic	No information available	
Explosive properties	No information available	
Oxidizing Properties	No information available	

Other information

Softening point	No information available
Molecular weight	No information available
VOC Content(%)	No information available
Density VALUE	8.232
Bulk Density VALUE	43.6 lb/ft3

10. STABILITY AND REACTIVITY

Reactivity

Chemical stability

Stable under recommended storage conditions.

Possibility of hazardous reactions

None under normal processing.

Hazardous Polymerization None under normal processing.

Conditions to Avoid

Exposure to air or moisture over prolonged periods.

Incompatible Materials

Incompatible with strong acids and bases. Incompatible with oxidizing agents.

Hazardous Decomposition Products

Thermal decomposition can lead to release of irritating gases and vapors.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

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Product Information

Toxic - Inhalation	Avoid breathing vapors or mists. Irritating to respiratory system. May be harmful by inhalation. May cause drowsiness or dizziness.
Eye contact	Avoid contact with eyes. May cause burns. Risk of serious damage to eyes. May cause irreversible damage to eyes.
Skin contact	Avoid contact with skin. Prolonged or repeated contact may dry skin and cause irritation. Prolonged skin contact may cause burns.
Ingestion	Do not taste or swallow. Ingestion may cause irritation to mucous membranes. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea. Can burn mouth, throat, and stomach.

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Sodium carbonate 497-19-8	= 4090 mg/kg (Rat)	2210 mg/kg (rat)	= 2300 mg/m ³ (Rat) 2 h
Sodium metasilicate 6834-92-0	= 1153 mg/kg (Rat)	>5000 mg/kg (rat)	
ALCOHOLS, C9-11, ETHOXYLATED 68439-46-3	= 1400 mg/kg (Rat) = 1378 mg/kg (Rat)	> 2 g/kg (Rabbit)	

Information on toxicological effects

Symptoms No information available.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Skin corrosion/irritation	No information available.
Eye damage/irritation	No information available.
Sensitization	No information available.
Germ cell mutagenicity	No information available.
Carcinogenicity	No information available.
Reproductive toxicity	No information available.
Developmental Toxicity	No information available.
STOT - single exposure	No information available.
STOT - repeated exposure	No information available.
Chronic toxicity	Chronic exposure to corrosive fumes/gases may cause erosion of the teeth followed by jaw necrosis. Bronchial irritation with chronic cough and frequent attacks of pneumonia are common. Gastrointestinal disturbances may also be seen. Avoid repeated exposure. Possible risks of irreversible effects.
Aspiration hazard	No information available.

Numerical measures of toxicity - Product Information

Unknown acute toxicity	2.568% of the mixture consists of ingredient(s) of unknown toxicity
The following values are calculated based on chapter 3.1 of the GHS document .	
ATEmix (oral)	3282 mg/kg
ATEmix (dermal)	5159 mg/kg

12. ECOLOGICAL INFORMATION**Ecotoxicity**

57.5414% of the mixture consists of components(s) of unknown hazards to the aquatic environment

Chemical Name	Toxicity to algae	Toxicity to fish	Toxicity to daphnia and other aquatic invertebrates
Sodium carbonate 497-19-8	242: 120 h Nitzschia mg/L EC50	300: 96 h Lepomis macrochirus mg/L LC50 static 310 - 1220: 96 h	265: 48 h Daphnia magna mg/L EC50

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		Pimephales promelas mg/L LC50 static	
Sodium metasilicate 6834-92-0		210: 96 h Brachydanio rerio mg/L LC50 semi-static 210: 96 h Brachydanio rerio mg/L LC50	216: 96 h Daphnia magna mg/L EC50

Persistence and degradability

No information available.

Bioaccumulation

No information available.

Other adverse effects

No information available

13. DISPOSAL CONSIDERATIONS**Waste treatment****Waste Disposal Methods**

Disposal should be in accordance with applicable regional, national and local laws and regulations.

Contaminated packaging

Do not re-use empty containers.

14. TRANSPORT INFORMATION**DOT**

Not regulated

15. REGULATORY INFORMATION**International Inventories****TSCA**

Complies

DSL/NDSL

Complies

Legend:

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

US Federal Regulations**SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

SARA 311/312 Hazard Categories

Acute Health Hazard	Yes
Chronic Health Hazard	Yes
Fire Hazard	No
Sudden Release of Pressure Hazard	No
Reactive Hazard	No

Clean Water Act

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

CERCLA

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level

pertaining to releases of this material.

US State Regulations

California Proposition 65

This product does not contain any Proposition 65 chemicals.

U.S. State Right-to-Know Regulations

Chemical Name	New Jersey	Massachusetts	Pennsylvania
Water 7732-18-5			X

U.S. EPA Label information

EPA Pesticide Registration Number Not applicable

16. OTHER INFORMATION

<u>NFPA</u>	Health hazard 2	Flammability 1	Instability 0	Physical and chemical hazards -
<u>HMIS</u>	Health hazard 2	Flammability 1	Physical Hazard 0	Personal protection X

Prepared By Bridgepoint Systems
Environmental Health & Safety

Revision Date 11-Apr-2016

Revision Note
No information available

Disclaimer

The (M)SDS is intended to provide a brief summary of our knowledge and guidance regarding the use of this material. The information contained here has been compiled from sources considered by Bridgewater LLC to be dependable and is accurate to the best of the Company's knowledge. It is not meant to be an all-inclusive document on worldwide hazard communication regulations.

This information is offered in good faith. Each user of this material needs to evaluate the conditions of use and design the appropriate protective mechanisms to prevent employee exposures, property damage or release to the environment. Bridgewater LLC assumes no responsibility for injury to the recipient of third persons, or for any damage to any property resulting from misuse of the product.

End of Material Safety Data Sheet

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SAFETY DATA SHEET

Issuing date No data available

Revision Date 20-Apr-2015

Version 1.01

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Product identifier

Product Label Name Bridgepoint Systems – Flex Ice Rinse
Other means of identification
UPC Code(s) Not applicable
Product code CC19
Synonyms None

Recommended use of the chemical and restrictions on use

Recommended Use Extraction rinse for all surfaces
Uses advised against Follow label instructions. Not recommended for any use except intended use.

Supplier's details

Supplier Address	Manufacturer Address
Bridgepoint Systems	Bridgepoint Systems
4282 South 590 West	4282 South 590 West
Salt Lake City, UT 84123	Salt Lake City, UT 84123
USA	USA

Emergency telephone number

Company Phone Number 1-800-658-5314
Company Emergency Phone Number United States: 1-800-535-5053 (INFOTRAC – 24 hours, 7 days a week)
International: 1-352-323-3500 (INFOTRAC – 24 hours, 7 days a week)
Emergency telephone Poison Control 1-800-222-1222 (24 hour)

2. HAZARDS IDENTIFICATION

Classification

OSHA Regulatory Status

This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

Skin irritation	Category 2
Serious eye irritation	Category 2

GHS Label elements, including precautionary statements

Emergency Overview

Warning

Hazard Statements
Causes skin irritation
Causes serious eye irritation

05A



Appearance Granular Powder **Physical state** Solid **Odor** No information available

Precautionary Statements - Prevention

Wash face, hands and any exposed skin thoroughly after handling
Wear protective gloves, eye protection, face protection

Precautionary Statements - Response

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
If eye irritation persists: Get medical attention
IF ON SKIN: Wash with plenty of soap and water
If skin irritation occurs: Get medical attention
Take off contaminated clothing and wash before reuse

Hazards not otherwise classified (HNOC)

Other information

- May be harmful if swallowed
 - Harmful to aquatic life with long lasting effects
 - Harmful to aquatic life
- General Hazards Keep out of reach of children
- 1.7382% of the mixture consists of ingredient(s) of unknown toxicity

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS-No	Weight %	Trade Secret
Sulfamic acid	5329-14-6	30 - 70	*

*The exact percentage (concentration) of composition has been withheld as a trade secret

4. FIRST AID MEASURES

First aid measures for different exposure routes

General advice	If symptoms persist, call a physician. For general assistance, contact your local Poison Control Center.
Eye contact	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. If symptoms persist, call a physician. Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Keep eye wide open while rinsing.
Skin contact	Wash off immediately with plenty of water for at least 15 minutes. If skin irritation persists, call a physician. Remove and wash contaminated clothing before re-use. Immediate medical attention is not required.
Toxic - Inhalation	Move to fresh air in case of accidental inhalation of vapors. If symptoms persist, call a physician. Immediate medical attention is not required.

458

Ingestion Immediate medical attention is not required. Rinse mouth. Drink plenty of water. Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Consult a physician if necessary.

Protection of First-aiders Use personal protective equipment.

Most important symptoms/effects, acute and delayed

Main Symptoms No information available.

Indication of immediate medical attention and special treatment needed, if necessary

Notes to physician Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable Extinguishing Media CAUTION: Use of water spray when fighting fire may be inefficient.

Specific hazards arising from the chemical

No information available.

Hazardous Combustion Products No information available.

Explosion Data

Sensitivity to Mechanical Impact None.

Sensitivity to Static Discharge None.

Protective Equipment and Precautions for Firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal precautions Use personal protective equipment. Avoid contact with the skin and the eyes. Evacuate personnel to safe areas. Keep people away from and upwind of spill.

Advice for emergency responders For personal protection see section 8.

Environmental precautions

Environmental precautions See Section 12 for additional Ecological Information. Prevent entry into waterways, sewers, basements or confined areas. Do not flush into surface water or sanitary sewer system. Prevent further leakage or spillage if safe to do so. Prevent product from entering drains.

Methods and materials for containment and cleaning up

Methods for Containment Prevent further leakage or spillage if safe to do so.

Methods for cleaning up Use personal protective equipment. Cover powder spill with plastic sheet or tarp to minimize spreading and keep powder dry. Take up mechanically, placing in appropriate containers for disposal. Avoid dust formation. Clean contaminated surface thoroughly.

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7. HANDLING AND STORAGE

Precautions for safe handling

Advice on safe handling Ensure adequate ventilation. Wear personal protective equipment. Use only in area provided with appropriate exhaust ventilation. Do not breathe vapors or spray mist.

Conditions for safe storage, including any incompatibilities

Technical measures/Storage conditions Keep out of the reach of children. Keep containers tightly closed in a cool, well-ventilated place. Keep in properly labeled containers.

Packaging material Keep product in packaging that product is initially sold in.

Incompatible products None known based on information supplied.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Exposure Guidelines This product does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

Appropriate engineering controls

Engineering Measures Showers
Eyewash stations
Ventilation systems.

Individual protection measures, such as personal protective equipment

Eye/Face Protection Tightly fitting safety goggles. Face-shield.

Skin and body protection No special protective equipment required.

Respiratory protection If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.

Hygiene measures When using, do not eat, drink or smoke. Remove and wash contaminated clothing before re-use. Provide regular cleaning of equipment, work area and clothing.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical and chemical properties

Physical state	solid	Odor	Characteristic
Appearance	Granular Powder	Odor threshold	No information available
Color	No information available		

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
pH	3.6	
Melting point	No information available	
Boiling point/boiling range	No information available	
Flash Point	No information available	
Evaporation rate	No information available	
Flammability (solid, gas)	No information available	
Flammability Limits in Air		

45D

Upper Flammability Limit	No information available
Lower Flammability Limit	No information available
Vapor pressure	No information available
Vapor density	No information available
Specific Gravity	0.987
Water solubility	Soluble in water
Solubility in other solvents	No information available
Partition coefficient: n-octanol/water	No information available
Autoignition temperature	No information available
Decomposition temperature	No information available
Viscosity, kinematic	50 cps
Viscosity, dynamic	No information available
Explosive properties	No information available
Oxidizing Properties	No information available

Other information

Softening point	No information available
Molecular weight	No information available
VOC Content(%)	No information available
Density VALUE	0.987
Bulk Density VALUE	No information available

10. STABILITY AND REACTIVITY

Reactivity

Chemical stability

Stable under recommended storage conditions.

Possibility of hazardous reactions

None under normal processing.

Hazardous Polymerization None under normal processing.

Conditions to Avoid

Extremes of temperature and direct sunlight.

Incompatible Materials

None known based on information supplied.

Hazardous Decomposition Products

None known based on information supplied.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Product Information

Toxic - Inhalation There is no data available for this product.

Eye contact Irritating to eyes.

Skin contact Irritating to skin.

Ingestion There is no data available for this product.

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
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Sulfamic acid 5329-14-6	1450 mg/kg (Rat)		
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Information on toxicological effects

Symptoms No information available.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Skin corrosion/irritation No information available.
Eye damage/irritation No information available.
Sensitization No information available.
Germ Cell Mutagenicity No information available.
Carcinogenicity No information available.
Reproductive toxicity No information available.
Developmental Toxicity No information available.
STOT - single exposure No information available.
STOT - repeated exposure No information available.
Chronic toxicity Avoid repeated exposure.
Aspiration hazard No information available.

Numerical measures of toxicity - Product Information

Unknown acute toxicity 1.7382% of the mixture consists of ingredient(s) of unknown toxicity
The following values are calculated based on chapter 3.1 of the GHS document.
ATEmix (oral) 2299 mg/kg
ATEmix (dermal) 10933 mg/kg

12. ECOLOGICAL INFORMATION

Ecotoxicity

61.3882% of the mixture consists of component(s) of unknown hazards to the aquatic environment

Chemical Name	Toxicity to algae	Toxicity to fish	Toxicity to daphnia and other aquatic invertebrates
Sulfamic acid 5329-14-6		14.2: 96 h Pimephales promelas mg/L LC50 static	

Persistence and degradability

No information available.

Bioaccumulation

No information available.

Other adverse effects

No information available

13. DISPOSAL CONSIDERATIONS

Waste treatment

Waste Disposal Methods Disposal should be in accordance with applicable regional, national and local laws and regulations.

Contaminated packaging Do not re-use empty containers.

14. TRANSPORT INFORMATION

DOT Not regulated

IMDG Not regulated

IATA Not regulated

15. REGULATORY INFORMATION

International Inventories

TSCA Complies

Legend:

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

US Federal Regulations

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

SARA 311/312 Hazard Categories

Acute Health Hazard	Yes
Chronic Health Hazard	No
Fire Hazard	No
Sudden Release of Pressure Hazard	No
Reactive Hazard	No

Clean Water Act

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

CERCLA

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material.

US State Regulations

California Proposition 65

This product does not contain any Proposition 65 chemicals.

U.S. State Right-to-Know Regulations

Chemical Name	New Jersey	Massachusetts	Pennsylvania
Sulfamic acid 5329-14-6	X		

U.S. EPA Label information

EPA Pesticide Registration Number Not applicable

16. OTHER INFORMATION

NFPA	Health hazard 2	Flammability 0	Instability 0	Physical and chemical hazards -
HMIS	Health hazard 2	Flammability 0	Physical Hazard 0	Personal protection X

Prepared By Bridgepoint Systems
Environmental Health & Safety

05G

Revision Date 20-Apr-2015

Revision Note
04.20.2015 - Updated Company Emergency Phone Number information

Disclaimer

The (M)SDS is intended to provide a brief summary of our knowledge and guidance regarding the use of this material. The information contained here has been compiled from sources considered by Bridgewater LLC to be dependable and is accurate to the best of the Company's knowledge. It is not meant to be an all-inclusive document on worldwide hazard communication regulations.

This information is offered in good faith. Each user of this material needs to evaluate the conditions of use and design the appropriate protective mechanisms to prevent employee exposures, property damage or release to the environment. Bridgewater LLC assumes no responsibility for injury to the recipient of third persons, or for any damage to any property resulting from misuse of the product.

End of Material Safety Data Sheet

CISH

SAFETY DATA SHEET

This Safety Data Sheet conforms to ANSI Z400.5, and to the format requirements of the Global Harmonizing System.
THIS SDS COMPLIES WITH 29 CFR 1910.1200 (HAZARD COMMUNICATION STANDARD)
IMPORTANT: Read this SDS before handling & disposing of this product.
Pass this information on to employees, customers, & users of this product.

SECTION 1. IDENTIFICATION OF THE SUBSTANCE OR MIXTURE AND OF THE SUPPLIER

PRODUCT IDENTITY: FLEX POWDER CC21 (RTU 1 TO 32)
PRODUCT PURPOSE: CARPET PRE-SPRAY
COMPANY IDENTITY: Bridgepoint Systems
COMPANY ADDRESS: 4282 S 590 W
COMPANY CITY: Salt Lake City, UT 84123
COMPANY PHONE: 1-800-658-5314
EMERGENCY PHONES: INFOTRAC: 1-800-535-5053 (USA)

SECTION 2. HAZARDS IDENTIFICATION

CAUTION!



HAZARD STATEMENTS:

H100s = General, H200s = Physical, H300s = Health, H400s = Environmental
H315 Causes skin irritation.
H320 Causes eye irritation.
H332 Harmful if inhaled.

PRECAUTIONARY STATEMENTS:

P100s = General, P200s = Prevention, P300s = Response, P400s = Storage, P500s = Disposal
P260 Do not breathe dust/fume/gas/mist/vapors/spray.
P262 Do not get in eyes, on skin, or on clothing.
P280 Wear protective gloves/protective clothing/eye protection/face protection.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

MATERIAL	CAS#	EINECS#	WT %
Sodium Carbonate	497-19-8	-	TRADE SECRET

TRACE COMPONENTS: Trace ingredients (if any) are present in < 1% concentration, (< 0.1% for potential carcinogens, reproductive toxins, respiratory tract mutagens, and sensitizers). None of the trace ingredients contribute significant additional hazards at the concentrations that may be present in this product. All pertinent hazard information has been provided in this document, per the requirements of the Federal Occupational Safety and Health Administration Standard (29 CFR 1910.1200), U.S. State equivalents, and Canadian Hazardous Materials Identification System Standard (CPR 4).

SEE SECTIONS 8, 11 & 12 FOR TOXICOLOGICAL INFORMATION.

SECTION 4. FIRST AID MEASURES

MOST IMPORTANT SYMPTOMS/EFFECTS, ACUTE & CHRONIC:
See Section 11 for Symptoms/Effects (acute & chronic).

EYE CONTACT:
For eyes, flush with plenty of water for 15 minutes & get medical attention.

SKIN CONTACT:
In case of contact with skin immediately remove contaminated clothing.
Wash thoroughly with soap & water. Wash contaminated clothing before reuse.

INHALATION:
oxygen. If breathing has stopped, trained personnel should immediately begin artificial respiration. If the heart has stopped, trained personnel should immediately begin cardiopulmonary resuscitation (CPR).

SWALLOWING:
Rinse mouth. GET MEDICAL ATTENTION IMMEDIATELY. Do NOT give liquids to an unconscious or convulsing person.

C16A

COMPANY IDENTITY: BRIDGEPOINT SYSTEMS

PRODUCT IDENTITY: FLEX POWDER CC21 (RTU 1 TO 32)

SECTION 5. FIRE FIGHTING MEASURES

FIRE & EXPLOSION PREVENTIVE MEASURES:
Isolate from extreme heat.

SUITABLE (& UNSUITABLE) EXTINGUISHING MEDIA:
Use appropriate extinguishing media for surrounding fire.

SPECIAL PROTECTIVE EQUIPMENT & PRECAUTIONS FOR FIRE FIGHTERS:
Water spray may be ineffective on fire but can protect fire-fighters & cool closed containers. Use fog nozzles if water is used.
Do not enter confined fire-space without full bunker gear.
(Helmet with face shield, bunker coats, gloves & rubber boots).

SPECIFIC HAZARDS OF CHEMICAL & HAZARDOUS COMBUSTION PRODUCTS:
Noncombustible.
Closed containers may explode if exposed to extreme heat.
Applying to hot surfaces requires special precautions.

SECTION 6. ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT & EMERGENCY PROCEDURES:
Keep unprotected personnel away.
Wear appropriate personal protective equipment given in Section 8.

ENVIRONMENTAL PRECAUTIONS:
Keep from entering storm sewers and ditches which lead to waterways.

METHODS & MATERIAL FOR CONTAINMENT & CLEAN-UP:
Stop spill at source. Dike and contain.
Collect leaking & spilled liquid in sealable containers as far as possible.

SECTION 7. HANDLING AND STORAGE

PRECAUTIONS FOR SAFE HANDLING:
Use only with adequate ventilation. Avoid prolonged or repeated contact with skin.
Wear OSHA Standard goggles or face shield. Consult Safety Equipment Supplier. Wear goggles, face shield, gloves, apron & footwear impervious to material. Wash clothing before reuse.

CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES:
Do not store below freezing or above 49 C/120 F.
Keep container tightly closed & upright when not in use to prevent leakage.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION**EXPOSURE LIMITS:**

MATERIAL	CAS#	EINECS#	TWA (OSHA)	TLV (ACGIH)
Sodium Carbonate	497-19-8	-	None Known	None Known

This product contains no EPA Hazardous Air Pollutants (HAP) in amounts > 0.1%.

APPROPRIATE ENGINEERING CONTROLS:**RESPIRATORY EXPOSURE CONTROLS**

A respiratory protection program that meets OSHA 29 CFR 1910.134 and ANSI Z86.2 requirements or European Standard EN 149 must be followed whenever workplace conditions warrant a respirator's use.

VENTILATION

LOCAL EXHAUST:	Necessary	MECHANICAL (GENERAL):	Acceptable
SPECIAL:	None	OTHER:	None

Please refer to ACGIH document, "Industrial Ventilation, A Manual of Recommended Practices", most recent edition, for details.

INDIVIDUAL PROTECTION MEASURES, SUCH AS PERSONAL PROTECTIVE EQUIPMENT:**PERSONAL PROTECTIONS:**

Wear OSHA Standard goggles and gloves as a standard practice.

C16B

COMPANY IDENTITY: BRIDGEPOINT SYSTEMS

PRODUCT IDENTITY: FLEX POWDER CC21 (RTU 1 TO 32)

SECTION 9. PHYSICAL & CHEMICAL PROPERTIES

APPEARANCE:	Cloudy Light Orange Liquid
ODOR:	Orange
ODOR THRESHOLD:	Not Available
pH (Neutrality):	12.0 to 12.2
MELTING POINT/FREEZING POINT:	Not Available
BOILING RANGE (IBP,50%,Dry Point):	> 100 C / > 212 F (*=End Point)
FLASH POINT (TEST METHOD):	Not Applicable
EVAPORATION RATE (n-Butyl Acetate=1):	Not Applicable
FLAMMABILITY CLASSIFICATION:	Non-Combustible
LOWER FLAMMABLE LIMIT IN AIR (% by vol):	Not Applicable
UPPER FLAMMABLE LIMIT IN AIR (% by vol):	Not Available
VAPOR PRESSURE (mm of Hg)@20 C	17.5
VAPOR DENSITY (air=1):	0.670
GRAVITY @ 68/68 F / 20/20 C:	
DENSITY:	1.020
SPECIFIC GRAVITY (Water=1):	1.021
POUNDS/GALLON:	8.508
WATER SOLUBILITY:	Appreciable
PARTITION COEFFICIENT (n-Octane/Water):	Not Available
AUTO IGNITION TEMPERATURE:	Not Applicable
DECOMPOSITION TEMPERATURE:	Not Available
VOCs (>0.044 Lbs/Sq In) :	Not Available
TOTAL VOC'S (TVOC)*:	0.012 Lbs/Gal
NONEXEMPT VOC'S (CVOC)*:	0.000 Lbs/Gal
HAZARDOUS AIR POLLUTANTS (HAPS):	0.0 Wt%
NONEXEMPT VOC PARTIAL PRESSURE (mm of Hg @ 20 C)	Not Available
VISCOSITY @ 20 C (ASTM D445):	Not Available

* Using CARB (California Air Resources Board Rules).

SECTION 10. STABILITY & REACTIVITY

REACTIVITY & CHEMICAL STABILITY:
Stable under normal conditions.

POSSIBILITY OF HAZARDOUS REACTIONS & CONDITIONS TO AVOID:
Do not permit freezing or temperatures above 50 C / 122 F.

INCOMPATIBLE MATERIALS:
Isolate from acids and oxidizers.

HAZARDOUS DECOMPOSITION PRODUCTS:
None known.

HAZARDOUS POLYMERIZATION:
Will not occur.

SECTION 11. TOXICOLOGICAL INFORMATION**ACUTE HAZARDS**

EYE & SKIN CONTACT:
Primary irritation to skin, defatting, dermatitis.
Primary irritation to eyes, redness, tearing, blurred vision.
Liquid can cause eye irritation. Wash thoroughly after handling.

INHALATION:
Anesthetic. Irritates respiratory tract. Acute overexposure
can cause serious nervous system depression. Vapor harmful.

SWALLOWING:
Swallowing can cause abdominal irritation, nausea, vomiting & diarrhea.

SUBCHRONIC HAZARDS/CONDITIONS AGGRAVATED

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE:
Pre-existing disorders of any target organs mentioned in this SDS can be
aggravated by over-exposure by routes of entry to components of this product.
Persons with these disorders should avoid use of this product.

C16C

SECTION 11. TOXICOLOGICAL INFORMATION (CONTINUED)**CHRONIC HAZARDS****CANCER, REPRODUCTIVE & OTHER CHRONIC HAZARDS:**

This product has no carcinogens listed by IARC, NTP, NIOSH, OSHA or ACGIH, as of this date, greater or equal to 0.1%.

TARGET ORGANS: May cause damage to target organs, based on animal data.

IRRITANCY: Irritating to contaminated tissue.

SENSITIZATION: No component is known as a sensitizer.

MUTAGENICITY: No known reports of mutagenic effects in humans.

EMBRYOTOXICITY: No known reports of embryotoxic effects in humans.

TERATOGENICITY: No known reports of teratogenic effects in humans.

REPRODUCTIVE TOXICITY: No known reports of reproductive effects in humans.

A **MUTAGEN** is a chemical which causes permanent changes to genetic material (DNA) such that the changes will propagate across generational lines. An **EMBRYOTOXIN** is a chemical which causes damage to a developing embryo (such as: within the first 8 weeks of pregnancy in humans), but the damage does not propagate across generational lines. A **TERATOGEN** is a chemical which causes damage to a developing fetus, but the damage does not propagate across generational lines. A **REPRODUCTIVE TOXIN** is any substance which interferes in any way with the reproductive process.

MAMMALIAN TOXICITY INFORMATION

No mammalian information is available on this product.

SECTION 12. ECOLOGICAL INFORMATION

ALL WORK PRACTICES MUST BE AIMED AT ELIMINATING ENVIRONMENTAL CONTAMINATION.

EFFECT OF MATERIAL ON PLANTS AND ANIMALS:

This product may be harmful or fatal to plant and animal life if released into the environment. Refer to Section 11 (Toxicological Information) for further data on the effects of this product's components on test animals.

EFFECT OF MATERIAL ON AQUATIC LIFE:

No aquatic environmental information is available on this product.

MOBILITY IN SOIL

This material is a mobile liquid.

DEGRADABILITY

This product is completely biodegradable.

ACCUMULATION

Bioaccumulation of this product has not been determined.

GREEN INGREDIENTS

>99.43% of ingredients are approved or on an approved list of at least one third party green certification organization in ready to use dilution of 1 to 32.

SECTION 13. DISPOSAL CONSIDERATIONS

Processing, use or contamination may change the waste disposal requirements. Do not dispose of on land, in surface waters, or in storm drains. Waste should be recycled or disposed of in accordance with regulations. Large amounts should be collected for reuse or consigned to licensed hazardous waste haulers for disposal.

ALL DISPOSAL MUST BE IN ACCORDANCE WITH ALL FEDERAL, STATE, PROVINCIAL, AND LOCAL REGULATIONS. IF IN DOUBT, CONTACT PROPER AGENCIES.

SECTION 14. TRANSPORT INFORMATION

SECONDARY CONTAINERS SHOULD BE MARKED WITH APPROPRIATE OSHA LABELING.

C1615

COMPANY IDENTITY: BRIDGEPOINT SYSTEMS

PRODUCT IDENTITY: FLEX POWDER CC21 (RTU 1 TO 32)

SECTION 15. REGULATORY INFORMATION**EPA REGULATION:**

SARA SECTION 311/312 HAZARDS: None Known

All components of this product are on the TSCA list.

This material contains no known products restricted under SARA Title III, Section 313 in amounts greater or equal to 1%.

STATE REGULATIONS:

THIS PRODUCT MEETS REQUIREMENTS OF SOUTHERN CALIFORNIA AQMD RULE 443.1 & SIMILAR REGULATIONS

CALIFORNIA SAFE DRINKING WATER & TOXIC ENFORCEMENT ACT (PROPOSITION 65):

This product contains no chemicals known to the State of California to cause cancer or reproductive toxicity.

INTERNATIONAL REGULATIONS

The identified components of this product are listed on the chemical inventories of the following countries:

Australia (AICS), Canada (DSL or NDSL), China (IECSC), Europe (EINECS, ELINCS), Japan (METI/CSCL, MHLW/ISHL), South Korea (KECI), New Zealand (NZIoC), Philippines (PICCS), Switzerland (SWISS), Taiwan (NECSI), USA (TSCA).

CANADA: WORKPLACE HAZARDOUS MATERIALS INFORMATION SYSTEM (WHMIS)

D2B: Irritating to skin / eyes.

This product has been classified in accordance with hazard criteria of the Controlled Products Regulations (CPR) and the SDS contains all information required by the CPR.

SECTION 16. OTHER INFORMATION**HAZARD RATINGS:**HEALTH (NFPA): 1, HEALTH (HMIS): 1, FLAMMABILITY: 0, PHYSICAL HAZARD: 0
(Personal Protection Rating to be supplied by user based on use conditions.)

This information is intended solely for the use of individuals trained in the NFPA & HMIS hazard rating systems.

EMPLOYEE TRAINING

See Section 2 for Risk & Safety Statements. Employees should be made aware of all hazards of this material (as stated in this SDS) before handling it.

SDS DATE: 04/25/2014

NOTICE

Bridgepoint Systems disclaims all expressed or implied warranties of merchantability or fitness for a specific use, with respect to the product or the information provided herein, except for conformation to contracted specifications. All information appearing herein is based upon data obtained from manufacturers and/or recognized technical sources. While the information is believed to be accurate, we make no representations as to its accuracy or sufficiency.

Conditions of use are beyond our control, and therefore users are responsible for verifying the data under their own operating conditions to determine whether the product is suitable for their particular purposes and they assume all risks of their handling, and disposal of the product. Users also assume all risks in regards to the publication or use of, or reliance upon information contained herein.

This information relates only to the product designated herein, and does not relate to its use in combination with any other material or process.

C16E

Foam Solvent Carpet Shampoo

MSDS Number: B103

Revision Date: November 20, 2013

Page 1 of 4

1

PRODUCT AND COMPANY IDENTIFICATION

Manufacturer

Kärcher North America, Inc.
Prochem
325 S. Price Road
Chandler, AZ 85224

Contact: Prochem
Phone: 480-899-7000
Fax: 480-786-9538
Email: info@prochem.com
Web: www.prochem.com

Product Name: Foam Solvent Carpet Shampoo
Revision Date: November 20, 2013
Version: 42-10A
MSDS Number: B103

Emergency Information: INFOTRAC 1-800-535-5053 International 1-352-323-3500

2

HAZARDS IDENTIFICATION

Route of Entry: Eyes; Skin; Inhalation;
Target Organs: Eyes; Skin;
Inhalation: Minimal respiratory tract irritation may occur with exposure to a large amount of material.
Skin Contact: May cause irritation.
Eye Contact: May cause irritation.
Ingestion: Ingestion is not applicable route of entry for intended use.

NFPA:
HMIS III:

Health = 1, Fire = 2, Reactivity = 0
H1/F2/PH0



HMIS III		
HEALTH	✓	1
FLAMMABILITY		2
PHYSICAL HAZARDS		0
PERSONAL PROTECTION B Safety Glasses, Gloves		

PERSONAL PROTECTION INDEX													
A	☒											G	☒ + ☒ + ☒
B	☒ + ☒											H	☒ + ☒ + ☒ + ☒
C	☒ + ☒ + ☒											I	☒ + ☒ + ☒
D	☒ + ☒ + ☒ + ☒											J	☒ + ☒ + ☒ + ☒
E	☒ + ☒ + ☒ + ☒ + ☒											K	☒ + ☒ + ☒ + ☒
F	☒ + ☒ + ☒ + ☒ + ☒ + ☒											X	Consult your supervisor or S.O.H for "SPECIAL" handling directions
A	☒	n	☒	O	☒	P	☒	Q	☒	R	☒	S	☒
t	☒	U	☒	W	☒	Y	☒	Z	☒				

GHS Classifications:

Health, Acute toxicity, 5 Oral
Health, Skin corrosion/irritation, 3
Health, Serious Eye Damage/Eye Irritation, 2 B

C170A

Foam Solvent Carpet Shampoo

MSDS Number: B103

Revision Date: November 20, 2013

Page 2 of 4

GHS Phrases:

- Warning, H303 - May be harmful if swallowed
- Warning, H316 - Causes mild skin irritation
- Warning, H320 - Causes eye irritation

GHS Precautionary Statements:

- Wash thoroughly after handling.
- Wear protective gloves/protective clothing/eye protection/face protection.
- IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.
- Call a POISON CENTER or doctor/physician if you feel unwell.
- If eye irritation persists: Get medical advice/attention.

GHS PICTOGRAMS: No GHS Pictograms

3

HAZARDS IDENTIFICATION

Ingredients:

CAS #	Percentage	Chemical Name
-------	------------	---------------

67-63-0	<4%	Isopropanol
---------	-----	-------------

OSHA Regulatory Status:

This SDS contains valuable information critical to the safe handling and proper use of this product. This SDS should be retained and available for employees and other users of this product.

4

FIRST AID MEASURES

- Inhalation:** If symptoms develop, move victim to fresh air; if symptoms persist, obtain medical attention.
- Skin Contact:** Wash with soap and water. If irritation persists consult medical personnel.
- Eye Contact:** Immediately flush eyes with large amounts of water for at least 15 minutes, lifting eyelids occasionally to facilitate irrigation. Get immediate medical attention.
- Ingestion:** If swallowed, DO NOT induce vomiting unless directed to do so by medical personnel. If injured party is conscious, give two glasses of water. Seek medical attention.

5

FIRE FIGHTING MEASURES

- Flash Point:** 80°C/ 176°F
- Flash Point Method:** Closed Cup

Wear self-contained breathing apparatus and other protective clothing. Use any standard agent - choose the one most appropriate for type of surrounding fire.

6

ACCIDENTAL RELEASE MEASURES

Keep away from drains and ground water. Keep all unnecessary personnel away. Spill area may be slippery. Pick up excess with inert absorbent material and place into separate waste container. Ventilate area and wash spill site after material pickup is complete. Consult an expert on disposal of recovered material and ensure conformity to local disposal regulations.

C17B

Foam Solvent Carpet Shampoo

MSDS Number: B103

Revision Date: November 20, 2013

Page 3 of 4

7 HANDLING AND STORAGE

Handling Precautions: Avoid contact with eyes, skin, or clothing; Consider normal working hygiene. Handle with care and avoid spillage on the floor (slippage). Keep away from sources of ignition; wash thoroughly after handling.

Storage Requirements: Keep away from children. Store in cool/dry area; Keep container closed.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls: Normal room ventilation is satisfactory for limited use.

Personal Protective Equip: HMIS PP, B | Safety glasses, Gloves

Isopropanol 67-63-0 OSHA PEL 400 ppm/ 980 mg/m3

9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Clear turquoise blue	Odor:	Floral
Physical State:	Liquid	Solubility:	Soluble
Spec Grav./Density:	8.84 lb/gal		
pH:	6.0 - 7.0 as is / 6.5 - 7.5 RTU		

10 STABILITY AND REACTIVITY

Stability: Product is stable under normal conditions.

Conditions to Avoid: None Known

Materials to Avoid: None Known

Hazardous Decomposition: Exposure to fire may liberate carbon dioxide, carbon monoxide, organic acids, and other unidentified thermal decomposition products from this product or its packaging.

Hazardous Polymerization: Will not occur.

11 TOXICOLOGICAL INFORMATION

Toxicity Data:

Isopropanol 67-63-0

Oral (LD 50): 5045 mg/kg - Rat

Inhalation (LC 50): 16000 ppm/8H - Rat

Skin irritation: Mild - Rabbit

Eye irritation: Severe - Rabbit

Sensitization: Not considered an occupational sensitizer

12 ECOLOGICAL INFORMATION

On the basis of available information, this material is not expected to produce any significant environmental effects when recommended use instructions are followed.

C17C

Foam Solvent Carpet Shampoo

MSDS Number: B103

Revision Date: November 20, 2013

Page 4 of 4

13 DISPOSAL CONSIDERATIONS

Dispose of in accordance with local regulations.

14 TRANSPORT INFORMATION

Ship in accordance with 49 CFR parts 100-185. Non-hazardous for air, sea and road freight.

15 REGULATORY INFORMATION

COMPONENT / (CAS/PERCENT) / CODES

*Isopropanol (67630 <4%) MASS, NJHS, NRC, OSHAWAC, PA, SARA313, TSCA, TXAIR, WHMIS

REGULATORY KEY DESCRIPTIONS

All components are listed on TSCA

MASS = MA Massachusetts Hazardous Substances List
NJHS = NJ Right-to-Know Hazardous Substances
NRC = Nationally Recognized Carcinogens
OSHA WAC = OSHA Workplace Air Contaminants
PA = PA Right-To-Know List of Hazardous Substances
SARA313 = SARA 313 Title III Toxic Chemicals
TXAIR = TX Air Contaminants with Health Effects Screening Level
WHMIS = Workplace Haz Mat Info Sys Canada

16 OTHER INFORMATION

This document is prepared in accordance with 29 CFR 1910.1200. The purpose of this section is to ensure that the hazards of all chemicals produced or imported are evaluated, and that information concerning their hazards is transmitted to employers and employees.

All information appearing herein is based upon data obtained from the raw material manufacturer and/or recognized technical sources. While the information above is believed to be true and accurate, the author makes no representations as to its accuracy or sufficiency. Conditions of use are beyond the manufacturer's control; therefore the users are responsible to verify this data under their own particular conditions, applications and regulations to determine if the product is suitable for their particular purposes. The users assume all risks of product use, handling, disposal, reliance upon, publication or use of the information contained herein. This information applies only to the product designated above and does not necessarily apply to its use in combination with other materials, products, chemical compounds, structures or processes.

Prepared by: EHS Manager

Phone Number: [480] 899-7000

C1715



SAFETY DATA SHEET

1. Identification

Product identifier Foamdry 2x Encapsulating Low Moisture Cleaner

Other means of identification

Product code B02

Recommended use Shampoo for Carpet Care.

Recommended restrictions None known.

Manufacturer/Importer/Supplier/Distributor information

Manufacturer/Supplier Scot Laboratories
16841 Park Circle Dr.
Chagrin Falls, OH 44023
US

Telephone 440-543-3033

Emergency 24 Hour Emergency: 800-535-5053

2. Hazard(s) identification

Physical hazards Not classified.

Health hazards Serious eye damage/eye irritation Category 2A

Environmental hazards Hazardous to the aquatic environment, acute hazard Category 3

OSHA defined hazards Not classified.

Label elements



Signal word Warning

Hazard statement Causes serious eye irritation. Harmful to aquatic life.

Precautionary statement

Prevention Wash thoroughly after handling. Avoid release to the environment. Wear eye protection/face protection.

Response If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

Storage Store away from incompatible materials.

Disposal Dispose of contents/container in accordance with local/regional/national/international regulations.

Hazard(s) not otherwise classified (HNOC) None known.

Supplemental information None.

3. Composition/information on ingredients

Mixtures

Chemical name	CAS number	%
Ammonium Lauryl Sulfate	68081-96-9	5 - < 10
Alcohols, C10-16	67762-41-8	< 1
Ammonium hydroxide	1336-21-6	< 1

CIBA

Composition comments All concentrations are in percent by weight unless ingredient is a gas. Gas concentrations are in percent by volume.

4. First-aid measures

Inhalation If symptomatic, move to fresh air. Get medical attention if symptoms persist.

Skin contact Wash skin with soap and water. Get medical attention promptly if symptoms occur after washing.

Eye contact Any material that contacts the eye should be washed out immediately with water. If easy to do, remove contact lenses. Get medical attention promptly if symptoms occur after washing.

Ingestion Immediately rinse mouth and drink plenty of water. Keep person under observation. If person becomes uncomfortable take to hospital along with these instructions. Get medical attention if any discomfort continues.

Most important symptoms/effects, acute and delayed Exposed individuals may experience eye tearing, redness, and discomfort.

Indication of immediate medical attention and special treatment needed Treat symptomatically.

General information In the case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

5. Fire-fighting measures

Suitable extinguishing media Water. Water fog. Foam. Dry chemical powder. Carbon dioxide (CO2).

Unsuitable extinguishing media Do not use water jet as an extinguisher, as this will spread the fire.

Specific hazards arising from the chemical During fire, gases hazardous to health may be formed.

Special protective equipment and precautions for firefighters Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

Fire fighting equipment/instructions Move container from fire area if it can be done without risk. Use standard firefighting procedures and consider the hazards of other involved materials.

General fire hazards No unusual fire or explosion hazards noted.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures For industrial use, wear appropriate personal protective equipment (See Section 8).

Methods and materials for containment and cleaning up
Small Spills: Absorb spill with vermiculite or other inert material, then place in a container for chemical waste for proper disposal.
Large Spills: Dike for later disposal. Flush area with water. Prevent runoff from entering drains, sewers, or streams.

Environmental precautions Avoid discharge into drains, water courses or onto the ground.

7. Handling and storage

Precautions for safe handling Wear appropriate personal protective equipment. Observe good industrial hygiene practices. Avoid contact with skin and eyes.
Keep from freezing. If frozen, allow to thaw to room temperature. Mix before using.

Conditions for safe storage, including any incompatibilities Store in original tightly closed container. Store in upright position. Store away from incompatible materials.

8. Exposure controls/personal protection

Occupational exposure limits

US. ACGIH Threshold Limit Values

Components	Type	Value
Ammonium hydroxide (CAS 1336-21-6)	STEL	35 ppm
	TWA	25 ppm

C14B

US. NIOSH: Pocket Guide to Chemical Hazards

Components	Type	Value
Ammonium hydroxide (CAS 1336-21-6)	STEL	27 mg/m3
	TWA	35 ppm
		18 mg/m3 25 ppm
Biological limit values	No biological exposure limits noted for the ingredient(s).	
Exposure guidelines	No exposure standards allocated.	
Appropriate engineering controls	Ensure adequate ventilation, especially in confined areas.	
Individual protection measures, such as personal protective equipment		
Eye/face protection	Wear safety glasses with side shields (or goggles).	
Skin protection		
Hand protection	Wear appropriate chemical resistant gloves.	
Skin protection		
Other	Wear chemical-resistant gloves, footwear and protective clothing appropriate for risk of exposure. Contact glove manufacturer for specific information.	
Respiratory protection	If engineering controls do not maintain airborne concentrations below recommended exposure limits (where applicable) or to an acceptable level (in countries where exposure limits have not been established), an approved respirator must be worn. Respirator type: Air-purifying respirator with an appropriate, government approved (where applicable), air-purifying filter, cartridge or canister. Contact health and safety professional or manufacturer for specific information.	
Thermal hazards	Not applicable.	
General hygiene considerations	Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.	

9. Physical and chemical properties

Appearance	
Physical state	Liquid.
Form	Clear liquid.
Color	Light yellow.
Odor	Lavender-citrus.
Odor threshold	Not available.
pH	8
Melting point/freezing point	Not available.
Initial boiling point and boiling range	212 °F (100 °C)
Flash point	Not available.
Evaporation rate	< 1 (Butyl acetate = 1)
Flammability (solid, gas)	Not available.
Upper/lower flammability or explosive limits	
Flammability limit - lower (%)	Not available.
Flammability limit - upper (%)	Not available.
Vapor pressure	Not available.
Vapor density	Heavier than air.
Relative density	1.03
Solubility(ies)	
Solubility (water)	Complete.
Partition coefficient (n-octanol/water)	No data available.

C18C

Auto-ignition temperature	Not available.
Decomposition temperature	Not available.
Viscosity	Not available.
Other information	
Explosive properties	Not explosive.
Oxidizing properties	Not oxidizing.

10. Stability and reactivity

Reactivity	The product is stable and non-reactive under normal conditions of use, storage and transport.
Chemical stability	Material is stable under normal conditions.
Possibility of hazardous reactions	Hazardous polymerization does not occur.
Conditions to avoid	Contact with incompatible materials. Keep from freezing.
Incompatible materials	Strong oxidizing agents. Do not mix with other chemicals or household cleaners.
Hazardous decomposition products	No hazardous decomposition products are known.

11. Toxicological information

Information on likely routes of exposure

Inhalation	Under normal conditions of intended use, this material is not expected to be an inhalation hazard.
Skin contact	Prolonged or repeated contact may dry skin and cause irritation.
Eye contact	Causes serious eye irritation.
Ingestion	No harmful effects expected in amounts likely to be ingested by accident.
Symptoms related to the physical, chemical and toxicological characteristics	Exposed individuals may experience eye tearing, redness, and discomfort.

Information on toxicological effects

Acute toxicity	Expected to be a low hazard for usual industrial or commercial handling by trained personnel.
Skin corrosion/irritation	Prolonged or repeated skin contact may cause irritation.
Serious eye damage/eye irritation	Causes serious eye irritation.

Respiratory or skin sensitization

Respiratory sensitization	No data available.
Skin sensitization	Not a skin sensitizer.
Germ cell mutagenicity	No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.

Carcinogenicity This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA.

IARC Monographs. Overall Evaluation of Carcinogenicity

Not listed.

NTP Report on Carcinogens

Not listed.

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)

Not regulated.

Reproductive toxicity	This product is not expected to cause reproductive or developmental effects.
Specific target organ toxicity - single exposure	Based on available data, the classification criteria are not met.
Specific target organ toxicity - repeated exposure	Based on available data, the classification criteria are not met.
Aspiration hazard	Not classified.

12. Ecological information

Ecotoxicity	Harmful to aquatic life.
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Components	Species	Test Results
Ammonium hydroxide (CAS 1336-21-6)		
Aquatic		
Crustacea	LC50 Daphnia magna	0.66 mg/l, 48 hours
Persistence and degradability	No data available.	
Bioaccumulative potential	No data available.	
Mobility in soil	No data available.	
Other adverse effects	None known.	

13. Disposal considerations

Disposal instructions	Dispose of contents/container in accordance with all local, State and Federal regulations.
Hazardous waste code	The waste code should be assigned in discussion between the user, the producer and the waste disposal company and/or appropriate testing.
Waste from residues / unused products	Dispose of in accordance with local regulations.
Contaminated packaging	Since emptied containers may retain product residue, follow label warnings even after container is emptied. Offer rinsed packaging material to local recycling facilities.

14. Transport information

DOT	Not regulated as dangerous goods.
IATA	Not regulated as dangerous goods.
IMDG	Not regulated as dangerous goods.
Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	This substance/mixture is not intended to be transported in bulk.

15. Regulatory information

US federal regulations	This product is hazardous according to OSHA 29 CFR 1910.1200.
TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)	Not regulated.
OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)	Not regulated.
CERCLA Hazardous Substance List (40 CFR 302.4)	Ammonium hydroxide (CAS 1336-21-6) LISTED
Superfund Amendments and Reauthorization Act of 1986 (SARA)	
Hazard categories	Immediate Hazard - Yes Delayed Hazard - No Fire Hazard - No Pressure Hazard - No Reactivity Hazard - No
SARA 302 Extremely hazardous substance	Not listed.
SARA 311/312 Hazardous chemical	Yes
SARA 313 (TRI reporting)	Not regulated.
Other federal regulations	
Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List	Not regulated.
Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)	Not regulated.
Safe Drinking Water Act (SDWA)	Not regulated.

US state regulations

US. Massachusetts RTK - Substance List

Ammonium hydroxide (CAS 1336-21-6)

US. New Jersey Worker and Community Right-to-Know Act

Ammonium hydroxide (CAS 1336-21-6)

US. Pennsylvania Worker and Community Right-to-Know Law

Ammonium hydroxide (CAS 1336-21-6)

US. Rhode Island RTK

Ammonium hydroxide (CAS 1336-21-6)

US. California Proposition 65

WARNING: This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

US - California Proposition 65 - Carcinogens & Reproductive Toxicity (CRT): Listed substance

Methylene chloride (CAS 75-09-2)

Propene, 1,3-dichloro- (CAS 542-75-6)

International Inventories

Country(s) or region	Inventory name	On inventory (yes/no)*
Australia	Australian Inventory of Chemical Substances (AICS)	No
Canada	Domestic Substances List (DSL)	No
Canada	Non-Domestic Substances List (NDSL)	Yes
China	Inventory of Existing Chemical Substances in China (IECSC)	Yes
Europe	European Inventory of Existing Commercial Chemical Substances (EINECS)	No
Europe	European List of Notified Chemical Substances (ELINCS)	No
Japan	Inventory of Existing and New Chemical Substances (ENCS)	No
Korea	Existing Chemicals List (ECL)	No
New Zealand	New Zealand Inventory	Yes
Philippines	Philippine Inventory of Chemicals and Chemical Substances (PICCS)	Yes
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	Yes

*A "Yes" indicates this product complies with the inventory requirements administered by the governing country(s).

A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).

16. Other information, including date of preparation or last revision

Issue date 07-September-2015

Revision date 05-January-2016

Version # 02

NFPA ratings



References

HSDB® - Hazardous Substances Data Bank
National Toxicology Program (NTP) Report on Carcinogens
ACGIH Documentation of the Threshold Limit Values and Biological Exposure Indices

Disclaimer

The information contained herein was obtained from current and reliable sources. However, the data is provided without any warranty, expressed or implied, regarding its correctness or accuracy. Since the conditions for use, handling, storage and disposal of this product are beyond the manufacturer's control, it is the user's responsibility both to determine safe conditions for use of this product and to assume liability for loss, injury, damage or expense arising from the product's improper use. No warranty, expressed or implied, regarding the product described herein shall be created by or inferred from any statement or omission in this SDS. Various government agencies may have specific regulations concerning the transportation, handling, storage, use or disposal of this product which may not be reflected in this SDS. The user should review these regulations to ensure full compliance.

C18



SAFETY DATA SHEET

1. Identification

Product identifier FoamDry with Stain Resist Encapsulating Low Moisture Cleaner & Carpet Protectant

Other means of identification

Product code B40

Recommended use Shampoo.

Recommended restrictions None known.

Manufacturer/Importer/Supplier/Distributor information

Manufacturer/Supplier Scot Laboratories
16841 Park Circle Dr.
Chagrin Falls, OH 44023
US

Telephone 440-543-3033

Emergency 24 Hour Emergency: 800-535-5053

2. Hazard(s) identification

Physical hazards Not classified.

Health hazards Serious eye damage/eye irritation Category 2A

Environmental hazards Hazardous to the aquatic environment, acute hazard Category 3

OSHA defined hazards Not classified.

Label elements



Signal word Warning

Hazard statement Causes serious eye irritation. Harmful to aquatic life.

Precautionary statement

Prevention Wash thoroughly after handling. Avoid release to the environment. Wear eye protection/face protection.

Response If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

Storage Store away from incompatible materials.

Disposal Dispose of contents/container in accordance with local/regional/national/international regulations.

Hazard(s) not otherwise classified (HNOC) None known.

Supplemental information None.

3. Composition/information on ingredients

Mixtures

Chemical name	CAS number	%
Ammonium Lauryl Sulfate	68081-96-9	3 - < 5
Ammonium hydroxide	1336-21-6	0.1 - < 1
Sodium bisulfate	7681-38-1	0.1 - < 1

Composition comments All concentrations are in percent by weight unless ingredient is a gas. Gas concentrations are in percent by volume.

4. First-aid measures

Inhalation If symptomatic, move to fresh air. Get medical attention if symptoms persist.

Skin contact Wash skin with soap and water. Get medical attention promptly if symptoms occur after washing.

Eye contact Any material that contacts the eye should be washed out immediately with water. If easy to do, remove contact lenses. Get medical attention promptly if symptoms occur after washing.

Ingestion Immediately rinse mouth and drink plenty of water. Keep person under observation. If person becomes uncomfortable take to hospital along with these instructions. Get medical attention if any discomfort continues.

Most important symptoms/effects, acute and delayed Exposed individuals may experience eye tearing, redness, and discomfort.

Indication of immediate medical attention and special treatment needed Treat symptomatically.

General information In the case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

5. Fire-fighting measures

Suitable extinguishing media Water. Water fog. Foam. Dry chemical powder. Carbon dioxide (CO₂).

Unsuitable extinguishing media Do not use water jet as an extinguisher, as this will spread the fire.

Specific hazards arising from the chemical During fire, gases hazardous to health may be formed.

Special protective equipment and precautions for firefighters Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

Fire fighting equipment/instructions Move container from fire area if it can be done without risk. Use standard firefighting procedures and consider the hazards of other involved materials.

General fire hazards No unusual fire or explosion hazards noted.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures For industrial use, wear appropriate personal protective equipment (See Section 8).

Methods and materials for containment and cleaning up Small Spills: Absorb spill with vermiculite or other inert material, then place in a container for chemical waste for proper disposal.

Large Spills: Dike for later disposal. Flush area with water. Prevent runoff from entering drains, sewers, or streams.

Environmental precautions Avoid discharge into drains, water courses or onto the ground.

7. Handling and storage

Precautions for safe handling Wear appropriate personal protective equipment. Observe good industrial hygiene practices. Avoid contact with skin and eyes.
Keep from freezing. If frozen, allow to thaw to room temperature. Mix before using.

Conditions for safe storage, including any incompatibilities Store in original tightly closed container. Store in upright position. Store away from incompatible materials.

8. Exposure controls/personal protection

Occupational exposure limits

US. ACGIH Threshold Limit Values

Components	Type	Value
Ammonium hydroxide (CAS 1336-21-6)	STEL	35 ppm
	TWA	25 ppm

C19B

US. NIOSH: Pocket Guide to Chemical Hazards

Components	Type	Value
Ammonium hydroxide (CAS 1336-21-6)	STEL	27 mg/m ³
	TWA	35 ppm
		18 mg/m ³
		25 ppm
Biological limit values	No biological exposure limits noted for the ingredient(s).	
Exposure guidelines	No exposure standards allocated.	
Appropriate engineering controls	Ensure adequate ventilation, especially in confined areas.	
Individual protection measures, such as personal protective equipment		
Eye/face protection	Wear safety glasses with side shields (or goggles).	
Skin protection		
Hand protection	Wear appropriate chemical resistant gloves.	
Skin protection		
Other	Wear chemical-resistant gloves, footwear and protective clothing appropriate for risk of exposure. Contact glove manufacturer for specific information.	
Respiratory protection	If engineering controls do not maintain airborne concentrations below recommended exposure limits (where applicable) or to an acceptable level (in countries where exposure limits have not been established), an approved respirator must be worn. Respirator type: Air-purifying respirator with an appropriate, government approved (where applicable), air-purifying filter, cartridge or canister. Contact health and safety professional or manufacturer for specific information.	
Thermal hazards	Not applicable.	
General hygiene considerations	Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.	

9. Physical and chemical properties

Appearance	
Physical state	Liquid.
Form	Clear liquid.
Color	Light yellow.
Odor	Floral.
Odor threshold	Not determined.
pH	7.5
Melting point/freezing point	Not determined.
Initial boiling point and boiling range	Not determined.
Flash point	> 200.0 °F (> 93.3 °C)
Evaporation rate	< 1 (n-Butyl Acetate = 1)
Flammability (solid, gas)	Not applicable.
Upper/lower flammability or explosive limits	
Flammability limit - lower (%)	Not applicable.
Flammability limit - upper (%)	Not applicable.
Vapor pressure	Not determined.
Vapor density	Heavier than air.
Relative density	1.03
Solubility(ies)	
Solubility (water)	Complete.
Partition coefficient (n-octanol/water)	Not determined.

Auto-ignition temperature	Not applicable.
Decomposition temperature	Not determined.
Viscosity	Not determined.
Other information	
Density	8.60 lb/gal
Explosive properties	Not explosive.
Oxidizing properties	Not oxidizing.

10. Stability and reactivity

Reactivity	The product is stable and non-reactive under normal conditions of use, storage and transport.
Chemical stability	Material is stable under normal conditions.
Possibility of hazardous reactions	Hazardous polymerization does not occur.
Conditions to avoid	Contact with incompatible materials. Keep from freezing.
Incompatible materials	Strong oxidizing agents. Do not mix with other chemicals or household cleaners.
Hazardous decomposition products	No hazardous decomposition products are known.

11. Toxicological information

Information on likely routes of exposure

Inhalation	High mist concentrations may cause irritation of respiratory tract.
Skin contact	Prolonged or repeated contact may dry skin and cause irritation.
Eye contact	Causes serious eye irritation.
Ingestion	Ingestion may cause irritation and malaise.
Symptoms related to the physical, chemical and toxicological characteristics	Exposed individuals may experience eye tearing, redness, and discomfort.

Information on toxicological effects

Acute toxicity	Expected to be a low hazard for usual industrial or commercial handling by trained personnel.
Skin corrosion/irritation	Prolonged or repeated skin contact may cause irritation.
Serious eye damage/eye irritation	Causes serious eye irritation.
Respiratory or skin sensitization	
Respiratory sensitization	No data available.
Skin sensitization	The product contains a small amount of sensitizing substance which may provoke an allergic reaction among sensitive individuals.
Germ cell mutagenicity	No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.
Carcinogenicity	This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA.
IARC Monographs. Overall Evaluation of Carcinogenicity	
Not listed.	
NTP Report on Carcinogens	
Not listed.	
OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)	
Not regulated.	

Reproductive toxicity	This product is not expected to cause reproductive or developmental effects.
Specific target organ toxicity - single exposure	Based on available data, the classification criteria are not met.
Specific target organ toxicity - repeated exposure	Based on available data, the classification criteria are not met.
Aspiration hazard	Not classified.

12. Ecological information

Ecotoxicity	Harmful to aquatic life.
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Components	Species	Test Results
Ammonium hydroxide (CAS 1336-21-6)		
Aquatic		
Crustacea	LC50 Daphnia magna	0.66 mg/l, 48 hours
Persistence and degradability	No data available.	
Bioaccumulative potential	No data available.	
Mobility in soil	No data available.	
Other adverse effects	None known.	

13. Disposal considerations

Disposal instructions	Dispose of contents/container in accordance with all local, State and Federal regulations.
Hazardous waste code	The waste code should be assigned in discussion between the user, the producer and the waste disposal company and/or appropriate testing.
Waste from residues / unused products	Dispose of in accordance with local regulations.
Contaminated packaging	Since emptied containers may retain product residue, follow label warnings even after container is emptied. Offer rinsed packaging material to local recycling facilities.

14. Transport information

DOT

Not regulated as dangerous goods.

IATA

Not regulated as dangerous goods.

IMDG

Not regulated as dangerous goods.

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code This substance/mixture is not intended to be transported in bulk.

15. Regulatory information

US federal regulations This product is hazardous according to OSHA 29 CFR 1910.1200.

TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)

Not regulated.

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)

Not regulated.

CERCLA Hazardous Substance List (40 CFR 302.4)

Ammonium hydroxide (CAS 1336-21-6) LISTED

Superfund Amendments and Reauthorization Act of 1986 (SARA)

Hazard categories
 Immediate Hazard - Yes
 Delayed Hazard - No
 Fire Hazard - No
 Pressure Hazard - No
 Reactivity Hazard - No

SARA 302 Extremely hazardous substance

Not listed.

SARA 311/312 Hazardous chemical Yes

SARA 313 (TRI reporting)

Not regulated.

Other federal regulations

Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List

Not regulated.

Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)

Not regulated.

Safe Drinking Water Act (SDWA) Not regulated.

CIAE

US state regulations

US. Massachusetts RTK - Substance List

Ammonium hydroxide (CAS 1336-21-6)

US. New Jersey Worker and Community Right-to-Know Act

Ammonium hydroxide (CAS 1336-21-6)

US. Pennsylvania Worker and Community Right-to-Know Law

Ammonium hydroxide (CAS 1336-21-6)

US. Rhode Island RTK

Ammonium hydroxide (CAS 1336-21-6)

US. California Proposition 65

WARNING: This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

US - California Proposition 65 - Carcinogens & Reproductive Toxicity (CRT): Listed substance

Methylene chloride (CAS 75-09-2)

Propene, 1,3-dichloro- (CAS 542-75-6)

International Inventories

Country(s) or region	Inventory name	On inventory (yes/no)*
Australia	Australian Inventory of Chemical Substances (AICS)	No
Canada	Domestic Substances List (DSL)	No
Canada	Non-Domestic Substances List (NDSL)	No
China	Inventory of Existing Chemical Substances in China (IECSC)	No
Europe	European Inventory of Existing Commercial Chemical Substances (EINECS)	No
Europe	European List of Notified Chemical Substances (ELINCS)	No
Japan	Inventory of Existing and New Chemical Substances (ENCS)	No
Korea	Existing Chemicals List (ECL)	No
New Zealand	New Zealand Inventory	No
Philippines	Philippine Inventory of Chemicals and Chemical Substances (PICCS)	No
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	Yes

*A "Yes" indicates this product complies with the inventory requirements administered by the governing country(s).

A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).

16. Other information, including date of preparation or last revision

Issue date 26-February-2016

Revision date -

Version # 01

NFPA ratings



List of abbreviations
LC50: Lethal Concentration, 50%.
STEL: Short term exposure limit.
TWA: Time weighted average.

References
HSDB® - Hazardous Substances Data Bank
National Toxicology Program (NTP) Report on Carcinogens
ACGIH Documentation of the Threshold Limit Values and Biological Exposure Indices

C19F

Disclaimer

The information contained herein was obtained from current and reliable sources. However, the data is provided without any warranty, expressed or implied, regarding its correctness or accuracy. Since the conditions for use, handling, storage and disposal of this product are beyond the manufacturer's control, it is the user's responsibility both to determine safe conditions for use of this product and to assume liability for loss, injury, damage or expense arising from the product's improper use. No warranty, expressed or implied, regarding the product described herein shall be created by or inferred from any statement or omission in this SDS. Various government agencies may have specific regulations concerning the transportation, handling, storage, use or disposal of this product which may not be reflected in this SDS. The user should review these regulations to ensure full compliance.

Revision date: 06/01/2015

SECTION 1: Identification

1.1 Product Identifier

Trade name **Fringe Bleach**

Other means of identification

Product code(s): 1303 Formula code: 02-990823

1.2 Relevant identified uses

Relevant identified uses General use
 Uses advised against do not use for squirting or spraying
 do not use for products which come into direct contact with the skin

1.3 Details of the supplier of the safety data sheet

MasterBlend • 5285 Fox Street • CO 80216 Denver • United States •
 Telephone: 303.373.0702 • Telefax 303.373.4968 • e-mail: info@masterblend.net • Website: masterblend.net

1.4 Emergency telephone number

Chem-Tel 1.800.255.3924 (USA & Canada) 1.813.248.0585 (International)

SECTION 2: Hazard(s) identification

2.1 Classification of the substance or mixture

Classification acc. to OSHA "Hazard Communication Standard" (29 CFR 1910.1200)

Annex	Hazard class and category		Hazard statement code(s)
A.1O	acute toxicity (oral)	Cat. 4	(Acute Tox. 4) H302
A.2	skin corrosion/irritation	Cat. 1B	(Skin Corr. 1B) H314
A.3	serious eye damage/eye irritation	Cat. 1	(Eye Dam. 1) H318

Remarks

For full text of H-phrases: see SECTION 16.

Hazards not otherwise classified

May be harmful if inhaled (GHS category 5: acutely toxic - inhalation).
 May be harmful in contact with skin (GHS category 5: acutely toxic - dermal).
 Toxic to aquatic life with long lasting effects (GHS category 2: aquatic toxicity - acute and chronic).

The most important adverse physicochemical, human health and environmental effects

Skin corrosion produces an irreversible damage to the skin; namely, visible necrosis through the epidermis and into the dermis.

2.2 Label elements

Labelling acc. to OSHA "Hazard Communication Standard" (29 CFR 1910.1200)

Signal word DANGER

Pictograms

GHS05, GHS07



Hazard statements

CAO, A

Revision date: 06/01/2015

H302 Harmful if swallowed.
 H314 Causes severe skin burns and eye damage.

Precautionary statements**Precautionary statements - prevention**

Do not breathe dust/fume/gas/mist/vapors/spray.
 Wear protective gloves/eye protection/face protection.

Precautionary statements - response

IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.
 Continue rinsing.
 Specific treatment (see on this label).

Precautionary statements - disposal

Dispose of contents/container to industrial combustion plant.

Hazardous ingredients for labelling

pentapotassium bis(peroxymonosulphate) bis(sulphate)

2.3 Other hazards

There is no additional information.

SECTION 3: Composition/information on ingredients**3.1 Substances**

not relevant (mixture)

3.2 Mixtures**3.2.1**

Name of substance	Identifier	Wt%
Pentapotassium bis(peroxymonosulphate) bis(sulphate)	CAS No 70693-62-8	≥ 90
Tetra[carbonato(2-)]dihydroxypentamagnesium	CAS No 7760-50-1	1 - < 5
Dipotassium peroxodisulphate	CAS No 7727-21-1	1 - < 5

For full text of abbreviations: see SECTION 16.

SECTION 4: First-aid measures**4.1 Description of first-aid measures****General notes**

Do not leave affected person unattended. Remove victim out of the danger area. Keep affected person warm, still and covered. Take off immediately all contaminated clothing. In all cases of doubt, or when symptoms persist, seek medical advice. In case of unconsciousness place person in the recovery position. Never give anything by mouth.

Following inhalation

If breathing is irregular or stopped, immediately seek medical assistance and start first aid actions. In case of respiratory tract irritation, consult a physician. Provide fresh air.

C20B

Revision date: 06/01/2015

Following skin contact

Brush off loose particles from skin. - Rinse skin with water/shower.

Following eye contact

Remove contact lenses, if present and easy to do. Continue rinsing. Irrigate copiously with clean, fresh water for at least 10 minutes, holding the eyelids apart.

Following ingestion

Rinse mouth with water (only if the person is conscious). Do NOT induce vomiting.

4.2 Most important symptoms and effects, both acute and delayed

Symptoms and effects are not known to date.

4.3 Indication of any immediate medical attention and special treatment needed

none

SECTION 5: Fire-fighting measures**5.1 Extinguishing media****Suitable extinguishing media**

water, foam, alcohol resistant foam, ABC-powder

Unsuitable extinguishing media

water jet

5.2 Special hazards arising from the substance or mixture

Deposited combustible dust has considerable explosion potential.

Hazardous combustion productsnitrogen oxides (NO_x), carbon monoxide (CO), carbon dioxide (CO₂)**5.3 Advice for firefighters**

In case of fire and/or explosion do not breathe fumes. Co-ordinate firefighting measures to the fire surroundings. Do not allow firefighting water to enter drains or water courses. Collect contaminated firefighting water separately. Fight fire with normal precautions from a reasonable distance.

SECTION 6: Accidental release measures**6.1 Personal precautions, protective equipment and emergency procedures****For non-emergency personnel**

Remove persons to safety.

For emergency responders

Wear breathing apparatus if exposed to vapors/dust/aerosols/gases.

6.2 Environmental precautions

Keep away from drains, surface and ground water. Retain contaminated washing water and dispose it.

6.3 Methods and material for containment and cleaning up**Advices on how to contain a spill**

Covering of drains. - Take up mechanically.

Advices on how to clean up a spill

Take up mechanically.

C20C

Revision date: 06/01/2015

Other information relating to spills and releases

Place in appropriate containers for disposal. Ventilate affected area.

6.4 Reference to other sections

Hazardous combustion products: see section 5. Personal precautions: see section 8. Incompatible materials: see section 10. Disposal considerations: see section 13.

SECTION 7: Handling and storage**7.1 Precautions for safe handling****Recommendations****Measures to prevent fire as well as aerosol and dust generation**

Use local and general ventilation. Take precautionary measures against static discharge. Use only in well-ventilated areas. Ground/bond container and receiving equipment.

Warning

Dust deposits may accumulate on all deposition surfaces in a technical room. The product in the delivered form is not dust explosion capable; the enrichment of fine dust however leads to the danger of dust explosion.

Advice on general occupational hygiene

Wash hands after use. Do not to eat, drink and smoke in work areas. Remove contaminated clothing and protective equipment before entering eating areas. Never keep food or drink in the vicinity of chemicals. Never place chemicals in containers that are normally used for food or drink. Keep away from food, drink and animal feedingstuffs.

7.2 Conditions for safe storage, including any incompatibilities**Managing of associated risks****• Explosive atmospheres**

Removal of dust deposits.

Incompatible substances or mixtures

Observe compatible storage of chemicals.

Consideration of other advice**Ventilation requirements**

Use local and general ventilation.

Packaging compatibilities

Only packagings which are approved (e.g. acc. to DOT) may be used.

7.3 Specific end use(s)

See section 16 for a general overview.

SECTION 8: Exposure controls/personal protection**8.1 Control parameters****National limit values****Occupational exposure limit values (Workplace Exposure Limits)****Relevant DNELs/DMELs/PNECs and other threshold levels**

No data available.

C20D

Revision date: 06/01/2015

8.2 Exposure controls**Appropriate engineering controls**

General ventilation.

Individual protection measures (personal protective equipment)**Eye/face protection**

Wear eye/face protection.

Skin protection**• hand protection**

In the case of wanting to use the gloves again, clean them before taking off and air them well.

• other protection measures

Take recovery periods for skin regeneration. Preventive skin protection (barrier creams/ointments) is recommended. Wash hands thoroughly after handling.

Respiratory protection

Particulate filter device (EN 143).

Environmental exposure controls

Use appropriate container to avoid environmental contamination. Keep away from drains, surface and ground water.

SECTION 9: Physical and chemical properties**9.1 Information on basic physical and chemical properties****Appearance**

Physical state	solid (powder, granular)
Color	white
Odor	fresh

Other physical and chemical parameters

pH (value)	6 (1% solution)
Melting point/freezing point	not determined
Initial boiling point and boiling range	not determined
Flash point	not applicable
Evaporation rate	not determined
Flammability (solid, gas)	
Explosion limits of dust clouds	not determined
Vapor pressure	not determined
Density	not determined
Relative density	not determined
Solubility(ies)	not determined
Auto-ignition temperature	not determined
Viscosity	not relevant (solid matter)
Explosive properties	none
Oxidizing properties	none

Revision date: 06/01/2015

SECTION 10: Stability and reactivity**10.1 Reactivity**

Concerning incompatibility: see below "Conditions to avoid" and "Incompatible materials".

10.2 Chemical stability

See below "Conditions to avoid".

10.3 Possibility of hazardous reactions

No known hazardous reactions.

10.4 Conditions to avoid

There are no specific conditions known which have to be avoided.

Hints to prevent fire or explosion

The product in the delivered form is not dust explosion capable; the enrichment of fine dust however leads to the danger of dust explosion.

Physical stresses which might result in a hazardous situation and have to be avoided

strong shocks

10.5 Incompatible materials

There is no additional information.

10.6 Hazardous decomposition products

Reasonably anticipated hazardous decomposition products produced as a result of use, storage, spill and heating are not known. Hazardous combustion products: see section 5.

SECTION 11: Toxicological information**11.1 Information on toxicological effects**

Test data are not available for the complete mixture.

Classification procedure

The method for classification of the mixture is based on ingredients of the mixture (additivity formula).

Classification acc. to OSHA "Hazard Communication Standard" (29 CFR 1910.1200)**Acute toxicity**

Harmful if swallowed.

Acute toxicity estimate (ATE)

oral 520.8

Acute toxicity of components of the mixture

Name of substance	CAS No	Exposure route	ATE
pentapotassium bis(peroxymonosulphate) bis(sulphate)	70693-62-8	oral	500

Skin corrosion/irritation

Causes severe skin burns and eye damage.

Serious eye damage/eye irritation

Causes serious eye damage.

Respiratory or skin sensitization

Shall not be classified as a respiratory or skin sensitizer.

C20F

Revision date: 06/01/2015

Summary of evaluation of the CMR properties

Shall not be classified as germ cell mutagenic, carcinogenic nor as a reproductive toxicant.

Carcinogenicity

- National Toxicology Program (United States): none of the ingredients are listed
- IARC Monographs none of the ingredients are listed

Specific target organ toxicity (STOT)

Shall not be classified as a specific target organ toxicant.

Aspiration hazard

Shall not be classified as presenting an aspiration hazard.

SECTION 12: Ecological information**12.1 Toxicity**

Toxic to aquatic life with long lasting effects.

Aquatic toxicity (acute)**Aquatic toxicity (acute) of components of the mixture**

Name of substance	CAS No	Endpoint	Value	Species	Exposure time
pentapotassium bis(peroxymonosulphate) bis(sulphate)	70693-62-8	LC50	1,090 µg/l	fish	96 hours
pentapotassium bis(peroxymonosulphate) bis(sulphate)	70693-62-8	EC50	3.5 mg/l	aquatic invertebrates	48 hours

Aquatic toxicity (chronic)

May cause long-term adverse effects in the aquatic environment.

Aquatic toxicity (chronic) of components of the mixture

Name of substance	CAS No	Endpoint	Value	Species	Exposure time
pentapotassium bis(peroxymonosulphate) bis(sulphate)	70693-62-8	LC50	367 µg/l	aquatic invertebrates	28 d
pentapotassium bis(peroxymonosulphate) bis(sulphate)	70693-62-8	EC50	179 mg/l	microorganisms	18 h

12.2 Persistence and degradability

Data are not available.

12.3 Bioaccumulative potential

Data are not available.

Bioaccumulative potential of components of the mixture

Name of substance	CAS No	BCF	Log KOW	BOD5/COD
pentapotassium bis(peroxymonosulphate) bis(sulphate)	70693-62-8		0.3	

Revision date: 06/01/2015

12.4 Mobility in soil

Data are not available.

12.5 Results of PBT and vPvB assessment

Data are not available.

12.6 Other adverse effects

Data are not available.

SECTION 13: Disposal considerations**13.1 Waste treatment methods****Sewage disposal-relevant information**

Do not empty into drains. Avoid release to the environment. Refer to special instructions/safety data sheets.

Waste treatment of containers/packages

Completely emptied packages can be recycled. Handle contaminated packages in the same way as the substance itself.

Remarks

Please consider the relevant national or regional provisions. Waste shall be separated into the categories that can be handled separately by the local or national waste management facilities.

SECTION 14: Transport information

14.1	UN number	3260
14.2	UN proper shipping name	CORROSIVE SOLID, ACIDIC, INORGANIC, N.O.S.
	Hazardous constituents	pentapotassium bis(peroxymonosulphate) bis(sulphate)
14.3	Transport hazard class(es)	
	Class	8 (corrosive substances)
14.4	Packing group	II (substance presenting medium danger)
14.5	Environmental hazards	none (non-environmentally hazardous acc. to the dangerous goods regulations)
14.6	Special precautions for user	
	There is no additional information.	
14.7	Transport in bulk according to Annex II of MARPOL and the IBC Code	
	The cargo is not intended to be carried in bulk.	

Information for each of the UN Model Regulations**• Transport of dangerous goods by road or rail (49 CFR US DOT)**

Index number	3260
Proper shipping name	Corrosive solid, acidic, inorganic, n.o.s.
Class	8
Packing group	II
Danger label(s)	8

C20H

Revision date: 06/01/2015



Special provisions (SP) IB8, IP2, IP4, T3, TP33
 ERG No 154

• **International Maritime Dangerous Goods Code (IMDG)**

UN number 3260
 Proper shipping name CORROSIVE SOLID, ACIDIC, INORGANIC, N.O.S.
 Class 8
 Packing group II
 Danger label(s) 8



Special provisions (SP) 274
 Excepted quantities (EQ) E2
 Limited quantities (LQ) 1 kg
 EmS F-A, S-B
 Stowage category B
 Segregation group 1 - Acids

• **International Civil Aviation Organization (ICAO-IATA/DGR)**

UN number 3260
 Proper shipping name Corrosive solid, acidic, inorganic, n.o.s.
 Class 8
 Packing group II
 Danger label(s) 8



Special provisions (SP) A3, 274
 Excepted quantities (EQ) E2
 Limited quantities (LQ) 5 kg

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations specific for the product in question

National regulations (United States)

Industry or sector specific available guidance(s)

Revision date: 06/01/2015

NPCA-HMIS® III

Hazardous Materials Identification System (American Coatings Association)

Category	Rating	Description
Chronic	/	None.
Health	3	Major injury likely unless prompt action is taken and medical treatment is given.
Flammability	1	Material that must be preheated before ignition can occur.
Physical hazard	0	Material that is normally stable, even under fire conditions, and will not react with water, polymerize, decompose, condense, or self-react. Non-explosive.
Personal protective equipment	-	

NFPA® 704

National Fire Protection Association: Standard System for the Identification of the Hazards of Materials for Emergency Response (United States)

Category	Degree of hazard	Description
Flammability	1	Material that must be preheated before ignition can occur.
Health	3	Material that, under emergency conditions, can cause serious or permanent injury.
Instability	0	Material that is normally stable, even under fire conditions.
Special hazard		

Relevant European Union (EU) safety, health and environmental provisions**Classification according to GHS (1272/2008/EC, CLP)**

Hazard class	Category	Hazard class and category
acute toxicity (oral)	4	(Acute Tox. 4)
skin corrosion/irritation	1B	(Skin Corr. 1B)
serious eye damage/eye irritation	1	(Eye Dam. 1)
hazardous to the aquatic environment - chronic hazard	3	(Aquatic Chronic 3)

SECTION 16: Other information, including date of preparation or last revision**Abbreviations and acronyms**

Abbr.	Descriptions of used abbreviations
49 CFR US DOT	49 CFR § 40 U.S. Department of Transportation
ATE	Acute Toxicity Estimate
BCF	BioConcentration Factor
BOD	Biochemical Oxygen Demand
CAS	Chemical Abstracts Service (service that maintains the most comprehensive list of chemical substances)
CLP	Regulation (EC) No 1272/2008 on classification, labeling and packaging of substances and mixtures
CMR	Carcinogenic, Mutagenic or toxic for Reproduction
COD	chemical oxygen demand
DMEL	Derived Minimal Effect Level
DNEL	Derived No-Effect Level
DOT	Department of Transportation (USA)
EmS	Emergency Schedule

C205

Revision date: 06/01/2015

Abbr.	Descriptions of used abbreviations
ERG No	Emergency Response Guidebook - Number
GHS	"Globally Harmonized System of Classification and Labelling of Chemicals" developed by the United Nations
HMIS	Hazardous Materials Identification System
IARC Mono-graphs	IARC Monographs on the Evaluation of Carcinogenic Risks to Humans
IATA/DGR	Dangerous Goods Regulations (DGR) for the air transport (IATA)
ICAO	International Civil Aviation Organization
IMDG	International Maritime Dangerous Goods Code
log KOW	n-octanol/water
MARPOL	International Convention for the Prevention of Pollution from Ships (abbr. of "Marine Pollutant")
NFPA® 704	National Fire Protection Association: Standard System for the Identification of the Hazards of Materials for Emergency Response (United States)
NPCA-HMIS® III	National Paint and Coatings Association: Hazardous Materials Identification System - HMIS® III, Third Edition
OSHA	Occupational Safety and Health Administration (United States)
PBT	Persistent, Bioaccumulative and Toxic
PNEC	Predicted No-Effect Concentration
vPvB	very Persistent and very Bioaccumulative

Key literature references and sources for data

- OSHA Hazard Communication Standard (HCS), 29 CFR 1910.1200
- 49 CFR § 172.101 Hazardous Materials Table (DOT)

Classification procedure

Physical and chemical properties: The classification is based on tested mixture.

Health hazards/Environmental hazards: The method for classification of the mixture is based on ingredients of the mixture (additivity formula).

List of relevant phrases (code and full text as stated in chapter 2 and 3)

Code	Text
H302	harmful if swallowed
H314	causes severe skin burns and eye damage
H318	causes serious eye damage

Disclaimer

This information is based upon the present state of our knowledge. This SDS has been compiled and is solely intended for this product.

MATERIAL SAFETY DATA SHEET

PRODUCT NAME: GREEN BALANCE NEUTRALIZING RINSE CR03

SECTION 1: PRODUCT INFORMATION

MANUFACTURER

Bridgepoint Systems

4282 S 590 W.

Salt Lake City, UT 84123

Telephone: 801-261-1282

Prepared: 02/01/2011

EMERGENCIES: (800) 535-5053 (Infotrac)

Hazard Rating (Zero=Insignificant 1=Slight 2=Moderate 3=High 4=Extreme)

Fire: 0 Health: 1 Reactivity: 0

2. COMPOSITION/INFORMATION ON INGREDIENTS

<u>COMPONENTS</u>	<u>CAS NUMBER</u>	<u>%</u>	<u>TLV</u>
Citric Acid	77-92-9	<5%	10mg/m3

3. HAZARDOUS IDENTIFICATION

Primary Routes of Entry:

Eye contact, skin contact/absorption and ingestion.

Signs and symptoms of Overexposure:

Gastrointestinal irritation (nausea, vomiting, diarrhea), and/or irritation to the skin, eyes, nose, throat, and respiratory tract.

Target Organ Effects:

May be irritating to the skin and eyes.

Potential Health Effects:

Eyes:

Product may be moderately irritating to the eyes.

Skin:

Product may be mildly irritating to the skin.

Ingestion:

Single dose oral toxicity is low. Swallowing large amounts may be harmful.

Inhalation:

Short term inhalation is not likely to cause harmful effects. Breathing large amounts of mist may be irritating.

C21A

Reproductive/Developmental Information:

No data

Carcinogenic Information:

None of the ingredients of this material are listed as carcinogens by IARC, NTP, or OSHA.

Long term effects:

No data available.

4. FIRST AID MEASURES

Eyes:

Flush eyes with plenty of water for 15 minutes. If irritation persists, get medical attention.

Skin:

Flush skin with plenty of water for 15 minutes. If irritation persists, get medical attention.

Ingestion:

If swallowed, give victim a glass of water or milk. Call a physician or poison control center immediately. Never give anything by mouth to an unconscious person.

Inhalation:

Remove to fresh air. If symptoms persist, get immediate medical attention.

5. FIRE FIGHTING MEASURES

Flash Point:

No flash point below boiling point.

Explosive Limits:

No data available.

Auto Ignition Temperature:

No data available.

Flammable Properties:

Material will not burn.

Extinguishing media:

In case of fire, use water fog, dry chemical, CO₂, or "alcohol foam".

Fire Fighting Instructions:

Keep personnel removed from and upwind of fire. Wear full fire-fighting turn-out gear (full Bunker gear), and respiratory protection (SCBA)

6. ACCIDENTAL RELEASE MEASURES

Absorb with an inert material and place in a chemical waste container. Rinse the area with water.

7. HANDLING AND STORAGE

Store in a cool, well ventilated place. Keep container closed while stored. Follow all MSDS/label warnings even after container is emptied since emptied containers retain product residues.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Eye Protection:

Wear chemical splash goggles.

Skin Protection:

Wear chemical resistant gloves. Wear impervious clothing and boots to prevent repeated or prolonged skin contact.

Respiratory Protection:

Good general ventilation should be sufficient to control airborne levels.

Engineering Controls:

Provide sufficient mechanical ventilation to maintain exposure below the level of overexposure.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:

Clear, colorless to light amber liquid.

Odor:

Acrid odor

pH Concentrate:

2.6

Vapor pressure:

No data available.

COR

Boiling Point:
212° F

Density:
8.44 lbs./gal.

Solubility in water:
Complete.

Evaporation Rate:
(water=1) < 1

10. STABILITY AND REACTIVITY

Stability:
Stable.

Conditions to Avoid:
None.

Incompatibility:
None known.

Hazardous Decomposition Products:
Oxides of carbon and sulfur may be formed during thermal decomposition.

Hazardous Polymerization:
Will not occur.

11. TOXICOLOGICAL INFORMATION

No data available.

12. ECOLOGICAL INFORMATION

No data available.

13. DISPOSAL CONSIDERATIONS

If this product as supplied becomes a waste, it does not meet the criteria of a hazardous waste as defined under the Resource Conservation and Recovery Act (RCRA) 40CFR261. Do not dispose of on the land, in surface waters, or in storm drains. Small spills and waste may be flushed into a waste treatment sewer where local regulations

CAD

permit. Larger quantities should be collected for reuse or consigned to a licensed hazardous waste hauler for disposal in accordance with federal, state and local regulations. **All disposal must be in accordance with all federal, state and local regulations.**

14. TRANSPORT INFORMATION

Proper Shipping Name: Compounds, cleaning, liquid-NOS
Hazard Class: Non hazardous

15. REGULATORY INFORMATION

US Federal Regulations:

TSCA:
The intentional ingredients of this product are listed.

CERCLA:
None.

SARA Section 302:
None.

SARA Section 311/312:
Acute() Chronic (X) Fire () Reactivity () Pressure Release ()

SARA Section 313:
None.

State Regulations:

California Proposition 65:
None

16. OTHER INFORMATION

HMIS Rating:
Health: 1, Flammability: 0, Reactivity: 0

While this information and recommendations set forth herein are believed to be accurate and reliable, it is provided without warranty regarding its accuracy. REMOVE-IT PRODUCTS MAKES NO WARRANTY WITH RESPECT HERETO AND DISCLAIMS ALL LIABILITY FROM RELIANCE THEREON. Users must determine safe conditions for use and assume liability for any loss, injury, damage or expense resulting from use of this product.

N/A = Not applicable N/D = Not determined N/E = Not established

CDE



MATERIAL SAFETY DATA SHEET

PRODUCT NAME: GREEN BALANCE PRESPRAY
CC11GL

NFPA/HMIS: Health 1
Flammability 0
Reactivity 0

MATERIAL SAFETY DATA SHEET U.S. DEPARTMENT OF LABOR
COMPLIES WITH USDL SAFETY AND HEALTH REGULATIONS 29CFR1910.1200

SECTION 1 COMPANY AND PRODUCT IDENTIFICATION

PRODUCT NAME: Green Balance Prespray

MANUFACTURER:

Bridgepoint Systems
4282 S 590 W
Salt Lake City, UT 84123
Telephone: 801-261-1282
Prepared: 02/01/2011

EMERGENCIES: (800) 535-5053 (Infotrac)

SECTION 2 COMPOSITION/INFORMATION ON COMPONENTS

<u>COMPONENTS</u>	<u>CAS NUMBER</u>	<u>%</u>	<u>TLV</u>
There are no components contained in this material that are considered hazardous under 29CFR1910.1200.			

SECTION 3 HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

Physical Properties: clear solution with mild odor

C22A

IMMEDIATE HEALTH EFFECTS

Eyes: Overexposure may cause irritation to eyes.

Skin: Prolonged and repeated contact may cause irritation to skin.

Inhalation: Inhalation may cause irritation of upper respiratory passages.

Ingestion: Single dose oral toxicity is low. Swallowing large amounts may be harmful.

PRIMARY ROUTES OF ENTRY: Eyes, skin contact/absorption, inhalation or ingestion.

SIGNS/SYMPTOMS OF OVEREXPOSURE: Gastrointestinal irritation (nausea, vomiting, diarrhea), and/or irritation to the skin, eyes, nose, throat, and respiratory tract.

TARGET ORGAN EFFECTS: Irritation of the skin and eyes. Irritation of lungs possible if mists/aerosols are inhaled.

REPRODUCTIVE/DEVELOPMENTAL INFORMATION: No data available.

CARCINOGENIC INFORMATION: None of the ingredients of this material are listed as carcinogens by IARC, NTP, or OSHA.

LONG TERM EFFECTS: No data available.

SECTION 4 FIRST AID MEASURES

EYES: Flush eyes with water for at least 15 minutes. If irritation persists, consult a physician.

SKIN: If irritation occurs, flush skin with water for at least 15 minutes. If irritation persists, consult a physician

INHALATION: If symptoms of overexposure develop, remove to fresh air. If symptoms persist, consult a physician.

INGESTION: Give 8 to 16 ounces of water to dilute substance. Do not induce vomiting. Consult a physician or local Poison Control Center. Never give anything by mouth to an unconscious person.

SECTION 5 FIRE FIGHTING MEASURES

FLASHPOINT (° Fahrenheit): No flash below boil.

EXPLOSIVE LIMITS: No data available.

AUTOIGNITION TEMPERATURE: No data available.

HAZARDOUS PRODUCTS OF COMBUSTION: In the event of fire, the following may be released: Carbon dioxide and/or carbon monoxide, oxides of nitrogen and sulfur.

Ca2B

EXTINGUISHING MEDIA: Water spray, foam, dry chemical powder of carbon dioxide.

FIRE FIGHTING INSTRUCTIONS: Firefighters should wear proper protective equipment and self-contained breathing apparatus with full facepiece operated in positive pressure mode. Move containers from fire area if it can be done without risk. Use water to keep fire-exposed containers cool.

NFPA/HMIS RATINGS: Health: 1, Flammability: 0, Reactivity: 0

SECTION 6 ACCIDENTAL RELEASE MEASURES

Contain with chemical absorbent material. Do not dispose of on the land, in surface waters, or in storm drains. Small spills and waste may be flushed into a waste treatment sewer where local regulations permit. Larger quantities should be collected for reuse or consigned to a licensed hazardous waste hauler for disposal in accordance with federal, state and local regulations. **All disposal must be in accordance with all federal, state and local regulations.**

SECTION 7 HANDLING AND STORAGE

HANDLING: Handle and open containers with care.

STORAGE: Store in a cool, well ventilated place away from incompatible materials.

SECTION 8 EXPOSURE CONTROLS / PERSONAL PROTECTION

Respiratory Protection...	None normally needed.
Protective Clothing.....	None normally needed.
Eye Protection.....	None normally needed.
Ventilation.....	Normal room ventilation should suffice
Storage.....	Store above 55°F. Store out of reach of Children. Keep container tightly closed

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE AND ODOR: Clear, solution/ acrid odor. No fragrances added.

pH Concentrate: 9.0

pH RTU: 8.5

VAPOR PRESSURE: No data available.

C22

VAPOR DENSITY: No data available.

BOILING POINT: 212° F

SOLUBILITY IN WATER: Soluble

EVAPORATION RATE: (water = 1) approximately 1

DENSITY: 1.014

SECTION 10 STABILITY AND REACTIVITY

CHEMICAL STABILITY: Stable.

CONDITIONS TO AVOID: None with proper storing and handling.

MATERIALS TO AVOID: Strong oxidizing materials.

HAZARDOUS DECOMPOSITION: Upon combustion, the following may be produced:
Carbon dioxide and/or carbon monoxide, oxides of nitrogen and sulfur.

HAZARDOUS POLYMERIZATION: Will not occur.

SECTION 11 TOXICOLOGICAL INFORMATION

ROUTES OF EXPOSURE: Skin absorption, eye contact, inhalation, and ingestion.

CARCINOGENICITY: None of the components of this material are listed as carcinogens by IARC, NTP, or OSHA.

TERATOGENICITY, MUTAGENICITY, OR OTHER REPRODUCTIVE EFFECTS: No data available.

CONDITIONS AGGRAVATED BY EXPOSURE: No data available.

SYNERGISTIC MATERIALS: No data available.

SECTION 12 ECOLOGICAL INFORMATION

No data available.

C221D

SECTION 13 DISPOSAL CONSIDERATIONS

WASTE DISPOSAL INFORMATION: Dispose in accordance with all applicable federal, state, and local regulations.

RCRA INFORMATION: If this material becomes a waste, it would not be considered hazardous under 40CFR261.

SECTION 14 TRANSPORT INFORMATION

DOT INFORMATION – 49CFR172.101

Proper shipping name: Compounds, cleaning, liquid – NOS

DOT Hazardous Class: Non hazardous

Hazardous Components: None

REPORTABLE QUANTITY– 49CFR172.101: Not applicable

SECTION 15 REGULATORY INFORMATION

US FEDERAL REGULATIONS

TSCA Status: The intentional components of this product are listed.

CERCLA Reportable Quantities – 40CFR355 APPENDIX A: None.

SARA 313 – 40CFR372.65: None.

STATE AND LOCAL REGULATIONS

CALIFORNIA PROPOSITION 65:

None

MASSACHUSETTS:

None

NEW JERSEY:

None

PENNSYLVANIA:

None

16. OTHER INFORMATION

None.

While this information and recommendations set forth herein are believed to be accurate and reliable, it is provided without warranty regarding its accuracy. BRIDGEPOINT SYSTEMS MAKES NO WARRANTY WITH RESPECT HERETO AND DISCLAIMS ALL LIABILITY FROM RELIANCE THEREON. Users must determine safe conditions for use and assume liability for any loss, injury, damage or expense resulting from use of this product.

N/A = Not applicable N/D = Not determined N/E = Not established

C22E

SAFETY DATA SHEET

1. PRODUCT IDENTIFICATION

Product Name: GROUTMASTER

Synonyms: None

Product Use: Surfactant/Detergent

Manufacturer/Supplier:

TMF CHEMICAL

5045 Admiral Wright Rd., Ste. 109, Virginia Beach, VA 23464

General information: 1-800-949-7726 Internet: www.TruckMountForums.com

National Fire Protection Association (NFPA) Ratings: This information is intended solely for the use of individuals trained in the NFPA system.

Health: 3

Flammability: 3

Reactivity: 0

2. HAZARDS IDENTIFICATION

HEALTH HAZARD DATA: GHS Classification:



Signal word: Warning: Irritant, harmful if swallowed.

Route of Exposure

ACUTE INHALATION	NO
SKIN ABSORPTION	NO
INGESTION	YES CAN CAUSE DISCOMFORT IF TAKEN INTERNALLY
SKIN CONTACT	YES PROLONG CONTACT MAY CAUSE IRRITATION
EYE CONTACT	YES DIRECT CONTACT MAY CAUSE SEVERE IRRITATION

Hazard Statement

Product is alkaline

High pH 12.0-12.5

3. COMPOSITION / INFORMATION ON INGREDIENTS

Component	CAS Number
SODIUM CARBONATE	497-19-8
SODIUM TRIPHOSPHATE	7758-29-4
SODIUM SILICATE	6834-92-0
TRISODIUM NITRILOTRIACETATE	5064-31-3
LINEAR ALCOHOL ETHOXYLATE	68131-39-5

4. EMERGENCY FIRST AID MEASURES

Eye: Eye irritation. Flush immediately with large amounts of water for at least 15 minutes. Eyelids should be held away from the eyeball to ensure thorough rinsing. Get immediate medical attention.

Skin: If itching or burning of the skin. Immediately flush the skin with plenty of water while removing contaminated clothing and shoes. Get immediate medical attention. Wash contaminated clothing before reuse.

Inhalation: Move to fresh air. If irritation persists see a Physician.

Ingestion: Drink milk or water. Get immediate medical attention. Do not induce vomiting.

5. FIRE FIGHTING MEASURES

Flash Point (TOC)	N/A	Auto ignition Temperature	N/A
Flammable limits in Air % by vol. lower	N/A	Upper	N/A
Extinguishing Media	Foam, CO2, Dry Chemical, Water Fog		
Special Fire Fighting Procedures	Usual Fire Fighting Procedures Can Be Used		
Unusual Fire and Explosion Hazard	None Known		

6: ACCIDENTAL RELEASE MEASURES

Steps to be taken if material is released or spilled: Flush with water or sweep up and containerize (non-hazardous).

Neutralizing Chemical: None

Waste Disposal Method: waste may be discharged into sanitary sewer as non-hazardous waste in accordance with Federal, state, and Local Regulations.

7. HANDLING AND STORAGE

Handling:

Keep away from heat. Keep away from eyes and avoid prolong contact with skin.

Storage:

Store in closed containers in cool, dry, area.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Personal Protective Equipment (PPE): Use a NIOSH approved respirator against sulfur dioxide.

Eye Protection: Wear chemical safety goggles. Have eye-wash stations available where eye contact can occur.

Skin Protection: Avoid skin contact. Impervious gloves suggested.

Respiratory Protection: Normal room ventilation is adequate..

9. PHYSICAL DATA

Boiling Point: N/A

Melting Point: ND

Vapor Pressure: N/A

Vapor Density (Air=1): N/A

% Solubility in Water: Soluble

Specific Gravity: 0.65

% Volatile:

Evaporation Rate: N/A (Butyl Acetate =1)

Odor/Appearance: Light Yellow Powder Light Fragrance

pH: 12.0-12.5

10. STABILITY AND REACTIVITY

Conditions contributing to Instability: None

Incompatibility: Incompatible with reducing agents and acids

Conditions Contributing to Hazardous Polymerization: None

Hazardous Decomposition Products: when exposed to fire emits normal products of combustion.

11. TOXICOLOGICAL INFORMATION

Signs: None known

12. ECOLOGICAL INFORMATION

This product is readily biodegradable.

13. DISPOSAL CONSIDERATIONS

IN ACCORDANCE TO APPLICABLE FEDERAL, STATE AND LOCAL REGULATIONS

14. TRANSPORT INFORMATION

Refer to Bill of Lading or Container label

15. REGULATORY INFORMATION

USA (TSCA), CANADA (DSL)

16. OTHER INFORMATION

Precautionary Statement: Wash after handling. Keep out of reach of children.

Disclaimer of Liability

One should always use chemicals with an awareness of the potential hazard (known and unknown) of their effect on the human system. We urge users to minimize employee exposure to all chemicals, including this product, and to keep the level of exposure commensurate with good industrial hygiene practices.

The manufacturer and seller warrant that this product conforms to its standard specifications when used according to directions.

As the conditions or methods of use are beyond our control, we do not assume any responsibility and expressly disclaim any liability for use of this product. Information contained herein is believed to be true and accurate but all statements or suggestions are made without any warranty, expressed or implied, regarding accuracy of the information. The hazards connected with the use of the material and the results to be obtained from the use thereof.

Revision Indicator:

New SDS 1/13/2015

GROUTMASTER

Revision 11/21/2017

**NPCA Hazardous Materials
Identification System**

Specific Hazard	Personal Protection
4-Severe	X-Ask a supervisor
3-Serious A-Safety	Glasses
2-Moderate	B-Goggles, Gloves
1-Slight	C-Goggles, Gloves, Apron
0-Minimal	D-Goggles, Gloves, Apron, & Faceshield

Health (2) **Reactivity (0)**
Flammability (0) **Personal Protection (B)**

Material Safety Data Sheet

May be used to comply with OSHA's
Hazardous Communication Standard, 29 CFR 1910.1200

IDENTITY (As used on LABELS and LIST)

**Hi-Test
NL102**

SECTION I

MFGR'S NAME AND ADDRESS

Newline Industries LLC.
1030 West Amelia Street Suite D
Orlando, FL 32805

EMERGENCY TELEPHONE NUMBER
NIGHTS / WEEKENDS

(800)535-5053
(800)535-5053

DATE PREPARED:
02/01/2010

SECTION II-HAZARDOUS INGREDIENTS / IDENTITY INFORMATION

Hazardous Components	OSHA	PEL	ACGIH	Other Limits Recommended	%Optional
Specific Components					
Specific Chemical Identity					
Common Name(s)					
2-Butoxyethanol		50PPM		75PPM	7%
CAS#111-76-2					
Sodium Hydroxide	(1)		2MG/M3-ceiling	N/A	
CAS# 1310-73-2					

(1):PEL not established for this material

This mixture contains 7% of 2-Butoxyethanal which is subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR, Part 372.

SECTION III-PHYSICAL / CHEMICAL CHARACTERISTICS

BOILING POINT (F)	Over 212°F	SPECIFIC GRAVITY (H₂O=1)	1.055
VAPOR PRESSURE (mmHg)	N/A	MELTING POINT	N/A
VAPOR DENSITY (air=1)	N/A	EVAPORATION POINT	Less than 1
SOLUBILITY IN WATER	Complete	(Butyl Acetate=1)	

APPEARANCE AND ODOR: Clear, colorless, water-thin liquid with a mild odor.

SECTION IV-FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (METHOD USED)	FLAMMABLE LIMITS	LEL	UEL
Closed Cup- Over 250°F	N/A	N/A	

EXTINGUISHING MEDIA: Water Fog, Carbon Dioxide or Dry Chemical

SPECIAL FIRE FIGHTING PROCEDURES: Use self-contained breathing apparatus and protective clothing.

UNUSUAL FIRE AND EXPLOSION HAZARDS: None

CDHA

SECTION V -REACTIVITY DATA Hi-Test NL102

STABILITY: UNSTABLE () CONDITION TO AVOID:
 STABLE (X) None

INCOMPATIBILITY (Materials to Avoid)

Strong acids and oxidizers

HAZARDOUS May Occur () CONDITIONS TO AVOID:
Polymerization May Not Occur (X) None

SECTION VI-HEALTH HAZARD DATA

ROUTE(S) OF ENTRY:

INHALATION: Yes

SKIN: Yes

INGESTION: No

Health Hazards (Acute and Chronic)

Direct contact can cause eye and skin irritation. If swallowed, can cause gastrointestinal irritation, nausea, vomiting and diarrhea.

CARCINOGENICITY: NTP IARC Monographs? OSHA Regulated?
 No No No

SIGNS AND SYMPTOMS OF EXPOSURE: Excessive inhalation of vapors can cause nasal and respiratory irritation, dizziness, weakness, fatigue, nausea and headache.

MEDICAL CONDITONS GENERALLY AGGRAVATED BY EXPOSURE: Pre-existing blood, liver, and/or kidney disorders may be aggravated by overexposure to this product.

EMERGENCY AND FIRST AID PROCEDURES:

SKIN: Wash thoroughly with water. If irritation continues, call a physician.

EYE: Flush with copious amounts of water for at least 15 minutes, lifting upper and lower lids occasionally. If irritation continues, call a physician.

INGESTION: If swallowed, promptly call a physician.

SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:

Take up liquid with absorbent material and remove mechanically.

WASTE DISPOSAL METHOD:

Dispose of waste in accordance with Federal, State, and Local ordinances.

PRECAUTION TO BE TAKEN IN HANDLING AND STORING:

Keep container tightly closed, cool, dry and away from sources of ignition. Use and store with adequate ventilaiton.

OTHER PRECAUTIONS: All precautions in this MSDS must be observed.

SECTION VIII- CONTROL METHODS

RESPIRATORY PROTECTION:

(Specific Type): None required for normal handling.

VENTILATION:

LOCAL EXHAUST:	Adequate	SPECIAL:	None
MECHANICAL (General)	Adequate	OTHER:	None

PROTECTIVE GLOVES: Impervious rubber gloves.

EYE PROTECTION: Chemical splash goggles.

OTHER PROTECTIVE EQUIPMENT: None

WORK/HYGENIC PRACTICES: Wash thoroughly after handling.

We believe all information given is accurate. It is offered in good faith, but without guarantee. Since conditions are beyond our control, user assumes all responsibility and risk.

C24B



SAFETY DATA SHEET

Issue Date 19-Jun-13

Revision Date 29-Aug-2014

Version 1

1. PRODUCT AND COMPANY IDENTIFICATION

Product Identifier

pHire NL601

Other Means of Identification

SDS # NL 02

Recommended Use of the Chemical and Restrictions on Use

Recommended Use Cleaning Compound

Details of the Supplier of the Safety Data Sheet

Supplier Address

Newline Industries LLC
1030 West Amelia Street
Suite D
Orlando, FL 32805

Emergency Telephone Number

Company Phone Number 407-480-5464
Emergency Telephone 800-535-5053

2. HAZARDS IDENTIFICATION

Classification

Skin Corrosion/Irritation	Category 1 C
Serious Eye Damage/Eye Irritation	Category 1

Signal Word

Danger

Hazard Statements

Causes severe skin burns and eye damage
Causes serious eye damage



Physical State Liquid

Precautionary Statements - Prevention

Wash face, hands and any exposed skin thoroughly after handling
Wear protective gloves/protective clothing/eye protection/face protection
Do not breathe dust/fume/gas/mist/vapors/spray.

Precautionary Statements - Response

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. Take off contaminated clothing and wash before reuse

IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing.

Immediately call a POISON CENTER or doctor/physician.

IF SWALLOWED: rinse mouth. Do NOT induce vomiting.

Precautionary Statements - Disposal

Dispose of contents/container to an approved waste disposal plant.

Precautionary Statements - Storage

Store locked up

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No	Weight-%
Sodium hydroxide	1310-73-2	1-15
Tetrasodium EDTA	64-02-8	1-5
Surfactant Blend	Proprietary	1-5

If Chemical Name/CAS No is "proprietary" and/or Weight-% is listed as a range, the specific chemical identity and/or percentage of composition has been withheld as a trade secret.

4. FIRST AID MEASURES

First Aid Measures

Inhalation	Remove to fresh air.
Eye Contact	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if irritation occurs.
Ingestion	Clean mouth with water and drink afterwards plenty of water.
Skin Contact	Wash with soap and water. Take off contaminated clothing. Wash contaminated clothing before reuse. If skin irritation occurs: Get medical advice/ attention.

Most Important Symptoms and Effects, both Acute and Delayed

Symptoms	Contact may cause irritation and redness. Eyes may have symptoms of redness, itching, irritation and watering from overexposure.
-----------------	--

Indication of any Immediate Medical Attention and Special Treatment Needed

Note to Physicians	Treat symptomatically.
---------------------------	------------------------

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable Extinguishing Media Not determined.

Specific Hazards Arising from the Chemical

Non-flammable.

C25B

Protective Equipment and Precautions for Firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures

Personal Precautions Use personal protective equipment as required.

Methods and Material for Containment and Cleaning Up

Methods for Containment Prevent further leakage or spillage if safe to do so.

Methods for Cleaning Up Keep in suitable, closed containers for disposal.

7. HANDLING AND STORAGE

Precautions for Safe Handling

Advice on Safe Handling Handle in accordance with good industrial hygiene and safety practice. Wash face, hands, and any exposed skin thoroughly after handling. Use personal protection recommended in Section 8.

Conditions for Safe Storage, Including any Incompatibilities

Storage Conditions Keep containers tightly closed in a dry, cool and well-ventilated place.

Incompatible Materials None known based on information supplied.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Sodium hydroxide 1310-73-2	Ceiling: 2 mg/m ³	TWA: 2 mg/m ³ (vacated) Ceiling: 2 mg/m ³	IDLH: 10 mg/m ³ Ceiling: 2 mg/m ³

Appropriate Engineering Controls

Engineering Controls Apply technical measures to comply with the occupational exposure limits.

Individual Protection Measures, such as Personal Protective Equipment

Eye/Face Protection Wear approved safety goggles where a splash hazard exists.

Skin and Body Protection Wear suitable protective clothing.

Respiratory Protection Ensure adequate ventilation, especially in confined areas.

General Hygiene Considerations Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on Basic Physical and Chemical Properties

C25

Physical State	Liquid		
Appearance	Clear Liquid	Odor	Mild
Color	colorless	Odor Threshold	Not determined
Property	Values	Remarks • Method	
pH	> 12.5		
Melting Point/Freezing Point	Not determined		
Boiling Point/Boiling Range	> 212 F		
Flash Point	> 250 F closed cup		
Evaporation Rate	Not determined		
Flammability (Solid, Gas)	n/a-liquid		
Upper Flammability Limits	Not applicable		
Lower Flammability Limit	Not applicable		
Vapor Pressure	Not determined		
Vapor Density	Not determined		
Specific Gravity	1.11 g/L		
Water Solubility	Soluble in water		
Solubility in Other Solvents	Not determined		
Partition Coefficient	Not determined		
Autoignition Temperature	Not determined		
Decomposition Temperature	Not determined		
Kinematic Viscosity	Not determined		
Dynamic Viscosity	Not determined		
Explosive Properties	Not an explosive		
Oxidizing Properties	Not determined		

10. STABILITY AND REACTIVITY

Reactivity

Not reactive under normal conditions.

Chemical Stability

Stable under recommended storage conditions.

Possibility of Hazardous Reactions

None under normal processing.

Conditions to Avoid

Keep out of reach of children.

Incompatible Materials

None known based on information supplied.

Hazardous Decomposition Products

None known based on information supplied.

11. TOXICOLOGICAL INFORMATION

Information on Likely Routes of Exposure

Product Information

Inhalation	Avoid breathing vapors or mists.
Eye Contact	Causes serious eye irritation.
Skin Contact	Causes skin irritation.
Ingestion	Do not taste or swallow.

C25D

Component Information

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Tetrasodium EDTA 64-02-8	= 10 g/kg (Rat)	-	-
Sodium hydroxide 1310-73-2	-	= 1350 mg/kg (Rabbit)	-

Information on Physical, Chemical and Toxicological Effects

Symptoms Please see section 4 of this SDS for symptoms.

Delayed and Immediate Effects as well as Chronic Effects from Short and Long-term Exposure

Carcinogenicity This product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC or NTP.

Numerical Measures of Toxicity

Calculated Acute Toxicity Estimate (Oral) for this mixture is >10,000 mg/kg

12. ECOLOGICAL INFORMATION**Ecotoxicity****Component Information**

Chemical Name	Algae/aquatic plants	Fish	Toxicity to microorganisms	Crustacea
Tetrasodium EDTA 64-02-8	1.01: 72 h Desmodesmus subspicatus mg/L EC50	41: 96 h Lepomis macrochirus mg/L LC50 static 59.8: 96 h Pimephales promelas mg/L LC50 static		610: 24 h Daphnia magna mg/L EC50
Sodium hydroxide 1310-73-2		45.4: 96 h Oncorhynchus mykiss mg/L LC50 static		

Persistence and Degradability

Not determined

Bioaccumulation

Not determined

Mobility

Not determined

Other Adverse Effects

Not determined

13. DISPOSAL CONSIDERATIONS**Waste Treatment Methods**

Disposal of Wastes Disposal should be in accordance with applicable regional, national and local laws and regulations.

Contaminated Packaging Disposal should be in accordance with applicable regional, national and local laws and regulations.

Chemical Name	California Hazardous Waste Status
Sodium hydroxide 1310-73-2	Toxic Corrosive

Case

14. TRANSPORT INFORMATION

Note

Please see current shipping paper for most up to date shipping information, including exemptions and special circumstances.

NA1760, Compound Cleaning Liquid (Sodium Hydroxide),8,PGIII

15. REGULATORY INFORMATION

International Inventories

Not Determined

US Federal Regulations**SARA 313**

This material does not contain any chemical components with known CAS numbers that exceed the threshold reporting levels established by SARA Title III, Section 313.

CWA (Clean Water Act)

Chemical Name	CWA - Reportable Quantities	CWA - Toxic Pollutants	CWA - Priority Pollutants	CWA - Hazardous Substances
Sodium hydroxide 1310-73-2	1000 lb			X

CERCLA

Chemical Name	Hazardous Substances RQs	CERCLA/SARA RQ	Reportable Quantity (RQ)
Sodium hydroxide 1310-73-2	1000 lb		RQ 1000 lb final RQ RQ 454 kg final RQ

US State Regulations**U.S. State Right-to-Know Regulations**

Chemical Name	New Jersey	Massachusetts	Pennsylvania
Sodium hydroxide 1310-73-2	X	X	X

16. OTHER INFORMATION

Issue Date 19-Jun-13
 Revision Date 28-Aug-2014
 Revision Note New pH information

Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet

6254

SAFETY DATA SHEET

Issue Date 29-Jan-2015

Revision Date 29-Jan-2015

Version 1

1. PRODUCT AND COMPANY IDENTIFICATION

Product identifier

Product Name OMEGA WITH PROFRESH

Other means of identification

Product Code BP 5631

Recommended use of the chemical and restrictions on use

Recommended Use Carpet Detergent.

Uses advised against Use only as stated on label.

Details of the supplier of the safety data sheet

Supplier BonnetPro
4529 Bethlehem Pike
Telford, PA 18969
Phone: (877) 477-1615

Emergency telephone number

Emergency Telephone Chemtrec 1-800-424-9300

2. HAZARDS IDENTIFICATION

Classification

OSHA Regulatory Status

This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

Acute toxicity - Oral	Not classified
Acute toxicity - Dermal	Not classified
Serious eye damage/eye irritation	Category 2

Label elements

Emergency Overview

Warning

Hazard statements

Causes serious eye irritation



Appearance Clear

Physical state Liquid

Odor ProFresh

Precautionary Statements - Prevention

Wash face, hands and any exposed skin thoroughly after handling

Wear eye/face protection

Precautionary Statements - Response

Specific Treatment (See Section 4 on the SDS)

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing

If eye irritation persists: Get medical advice/attention

Hazards not otherwise classified (HNOC)

Other Information

Unknown Acute Toxicity 1% of the mixture consists of ingredient(s) of unknown toxicity

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No.	Weight-%	Trade Secret
2-(2-butoxyethoxy)ethanol	112-34-5	7-13	*

*The exact percentage (concentration) of composition has been withheld as a trade secret.

4. FIRST AID MEASURES

First aid measures

- Skin Contact** Wash skin with soap and water.
- Eye contact** Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a physician
- Inhalation** Remove to fresh air.
- Ingestion** Clean mouth with water and drink afterwards plenty of water.

Most important symptoms and effects, both acute and delayed

Symptoms No Information available.

Indication of any immediate medical attention and special treatment needed

Note to physicians Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable extinguishing media Caution: Use of water spray when fighting fire may be inefficient.

Specific hazards arising from the chemical

No Information available.

Explosion data

Sensitivity to Mechanical Impact None.

Sensitivity to Static Discharge None.

Protective equipment and precautions for firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

C26B

Personal precautions Ensure adequate ventilation, especially in confined areas.

Environmental precautions

Environmental precautions See Section 12 for additional ecological information.

Methods and material for containment and cleaning up

Methods for containment Prevent further leakage or spillage if safe to do so.

Methods for cleaning up Pick up and transfer to properly labeled containers.

7. HANDLING AND STORAGE

Precautions for safe handling

Advice on safe handling Handle in accordance with good industrial hygiene and safety practice.

Conditions for safe storage, including any incompatibilities

Storage Conditions Keep containers tightly closed in a dry, cool and well-ventilated place.

Incompatible materials None known based on information supplied.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Exposure Guidelines This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
2-(2-butoxyethoxy)ethanol 112-34-5	TWA: 10 ppm inhalable fraction and vapor	Yes	Yes

Appropriate engineering controls

Engineering Controls Showers, Eyewash stations & Ventilation systems.

Individual protection measures, such as personal protective equipment

Eye/face protection No special technical protective measures are necessary.

Skin and body protection No special technical protective measures are necessary.

Respiratory protection No protective equipment is needed under normal use conditions.

General Hygiene Wear suitable gloves and eye/face protection.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical state	Liquid	Odor threshold	No Information available
Appearance	Clear		
Odor	ProFresh		

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
pH	8.8 - 9.2	
Melting point/freezing point	No Information available	
Boiling point / boiling range	No Information available	
Flash point	None	

Call

Evaporation rate	No Information available
Flammability (solid, gas)	No Information available
Flammability Limits in Air	
Upper flammability limit:	No Information available
Lower flammability limit:	No Information available
Vapor pressure	No Information available
Vapor density	No Information available
Specific Gravity	1.032
Water solubility	Complete
Solubility in other solvents	No Information available
Partition coefficient	No Information available
Autoignition temperature	No Information available
Decomposition temperature	No Information available
Kinematic viscosity	No Information available
Viscosity	No Information available
Explosive properties	No Information available
Oxidizing properties	No Information available

10. STABILITY AND REACTIVITY

Reactivity

No data available

Chemical stability

Stable under recommended storage conditions.

Possibility of Hazardous Reactions

None under normal processing.

Conditions to avoid

Extremes of temperature and direct sunlight.

Incompatible materials

None known based on information supplied.

Hazardous Decomposition Products

None known based on information supplied.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Product Information	No data available
Inhalation	No data available.
Eye contact	No data available.
Skin Contact	No data available.
Ingestion	No data available.

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
2-(2-butoxyethoxy)ethanol 112-34-5	= 3384 mg/kg (Rat)	= 2700 mg/kg (Rabbit)	Yes

Information on toxicological effects

Symptoms No Information available.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Cald

Sensitization No Information available.
 Germ cell mutagenicity No Information available.
 Carcinogenicity No Information available.
 Reproductive toxicity No Information available.
 STOT - single exposure No Information available.
 STOT - repeated exposure No Information available.
 Aspiration hazard No Information available.

Numerical measures of toxicity - Product Information

Unknown Acute Toxicity 1% of the mixture consists of ingredient(s) of unknown toxicity
 The following values are calculated based on chapter 3.1 of the GHS document .

12. ECOLOGICAL INFORMATION

Ecotoxicity

5.518% of the mixture consists of component(s) of unknown hazards to the aquatic environment

Chemical Name	Algae/aquatic plants	Fish	Crustacea
2-(2-butoxyethoxy)ethanol 112-34-5	100: 96 h Desmodesmus subspicatus mg/L EC50	1300: 96 h Lepomis macrochirus mg/L LC50 static	100: 48 h Daphnia magna mg/L EC50 2850: 24 h Daphnia magna mg/L EC50
Tetrasodium EDTA 64-02-8	1.01: 72 h Desmodesmus subspicatus mg/L EC50	41: 96 h Lepomis macrochirus mg/L LC50 static 59.8: 96 h Pimephales promelas mg/L LC50 static	610: 24 h Daphnia magna mg/L EC50

Persistence and degradability

No Information available.

Bioaccumulation

No Information available.

Other adverse effects

No Information available

13. DISPOSAL CONSIDERATIONS

Waste treatment methods

Disposal of wastes Disposal should be in accordance with applicable regional, national and local laws and regulations.

Contaminated packaging Do not reuse container.

14. TRANSPORT INFORMATION

DOT Not regulated

15. REGULATORY INFORMATION

International Inventories

TSCA Complies
 DSL/NDSL Complies
 EINECS/ELINCS Does not comply
 AICS Does not comply

Legend:

CalE

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory
 DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List
 EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances
 AICS - Australian Inventory of Chemical Substances

US Federal Regulations

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

Chemical Name	SARA 313 - Threshold Values %
2-(2-butoxyethoxy)ethanol - 112-34-5	1.0

SARA 311/312 Hazard Categories

Acute health hazard	No
Chronic Health Hazard	No
Fire hazard	No
Sudden release of pressure hazard	No
Reactive Hazard	No

CWA (Clean Water Act)

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

CERCLA

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material

US State Regulations

California Proposition 65

This product does not contain any Proposition 65 chemicals

U.S. State Right-to-Know Regulations

Chemical Name	New Jersey	Massachusetts	Pennsylvania
2-(2-butoxyethoxy)ethanol 112-34-5	X	Yes	X

U.S. EPA Label Information

EPA Pesticide Registration Number Not Applicable

16. OTHER INFORMATION

NFPA	Health hazards 1	Flammability 0	Instability 0	Physical and Chemical Properties Yes
HMIS	Health hazards 1	Flammability 0	Physical hazards 0	Personal protection N/A

Issue Date 29-Jan-2015

Revision Date 29-Jan-2015

Revision Note

No Information available

Disclaimer

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End of Safety Data Sheet

C260F



TECHNICAL DATA SHEET

ORANGE 88

Degreaser

DESCRIPTION: Natural citrus water-based degreaser, drain cleaner, and deodorizer concentrate. This multi-purpose cleaner strips grease and heavy oil deposits from virtually any surface.



Advantages:

Non corrosive, non flammable, contains no petroleum distillates.

The safe answer to those tough degreasing, cleaning, drain and grease trap maintaining, and odor control problems.

Powerful, multi purpose, use to:

1. Keep grease traps open, maintain drain flow
2. Degrease trucks and heavy equipment
3. Clean engine and parts
4. Remove tar and asphalt

Leaves a fresh citrus scent.

Specifications:

Physical Form	Free flowing liquid
Color	Orange
Scent	Citrus
Specific Gravity	1.00 ± .05
Density	8.62 lbs. per gallon
Foam Test	Initial— 55mm
1% Solution	
pH Conc.	12.0 ± .5
Total Solids	8.0 ± .5
Total Solvent	5.2 ± .1
USDA Use Area	C-1

Directions:

Engine Degreasing, Parts Cleaner: Dilute 1 part degreaser to 4 parts water. Brush or spray onto surface to be cleaned. Allow to stand 3-5 minutes for deep penetration. Rinse thoroughly with clear water.

Tar and Asphalt Removal: Apply undiluted to soiled surface by spraying or mopping. Agitate with brush if necessary until soil is emulsified. Rinse thoroughly with clear water. Do not allow to dry on surface.

Pressure Washing Trucks and Heavy Equipment: Dilute 1 part degreaser to 20 parts water. Spray solution on surface to be cleaned or degreased. Agitate heavily soiled areas with brush if necessary. Rinse with clear water. Do not allow to dry on surface.

Drain Maintainer: Add 3 to 5 ounces to drain, let stand for 5 to 10 minutes. Flush with water.

Grease Trap Maintainer: Pour 5 ounces daily into grease trap. For traps over 20 feet capacity, add 8 to 10 ounces DAILY.

All Purpose Degreasing: Spray or mop on. Rinse thoroughly with clear water.

Light Soil: 1:40

Medium Soil: 1:20

Heavy Soil: 1:10

CAUTION

KEEP OUT OF REACH OF CHILDREN

Shipping Weight in Pounds:

5 Gallon Tighthead Plastic Pail	45.1 pounds
Case 6 Plastic Gallons	54.8 pounds
Case 12 Plastic Quarts	27.9 pounds



Cara

MATERIAL SAFETY DATA SHEET

Prepared According to 29 CFR 1910, 1200

N/A (Not Applicable) N/E (Not Established)

SECTION I - PRODUCT IDENTIFICATION

PRODUCT NAME: Orange 88
GENERIC NAME: Degreaser

CHEMICAL FAMILY: Liquid Mixture
PROPER SHIPPING NAME: Not regulated

HMIS HAZARDOUS MATERIALS IDENTIFICATION SYSTEM

HEALTH _____ 1
FLAMMABILITY _____ 0
REACTIVITY _____ 0
PERSONAL PROTECTION _____ B

HAZARD RATING

4 = EXTREME
3 = HIGH
2 = MODERATE
1 = SLIGHT
0 = INSIGNIFICANT

SECTION II - HAZARDOUS INGREDIENTS IDENTITY INFORMATION

HAZARDOUS COMPONENTS	CAS#	TLV	% WT (OPT)
Isopropyl alcohol	67-63-0	400ppm	<10%
Sodium hydroxide	1310-73-2	2mg/m3	<10%

SECTION III - PHYSICAL DATA

PHYSICAL DESCRIPTION:
Orange free-flowing liquid
BOILING RANGE (°F): 200 ± 5°F
VAPOR PRESSURE: N/E
% VOLATILE: 9.2 ± .5
SOLUBILITY IN WATER: Complete
SPECIFIC GRAVITY: 1.00 ± .01
EVAPORATION RATE: N/E
pH:

SECTION IV - SPECIAL PROTECTIVE EQUIPMENT

RESPIRATORY PROTECTION: None
PROTECTIVE GLOVES: Impervious
EYE PROTECTION: Safety glasses recommended
VENTILATION: Room ventilation is normally adequate
OTHER PROTECTIVE EQUIPMENT: Sufficient to prevent skin contact. Eyewash and shower located near the workplace.

SECTION V - REACTIVITY DATA

STABILITY: Stable
INCOMPATIBILITY (Materials to Avoid): Avoid contact with oxidizers and acidic material

HAZARDOUS DECOMPOSITION PRODUCTS: None known

HAZARDOUS POLYMERIZATION:
Will not occur

SECTION VI - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (METHOD USED): Non flammable
UPPER EXPLOSIVE LIMIT: N/A **LOWER EXPLOSIVE LIMIT:** N/A
EXTINGUISHING MEDIA: Use the appropriate extinguishing media for the surrounding fire
SPECIAL FIRE FIGHTING PROCEDURES: Self contained breathing apparatus and full protective clothing should be worn when fighting fires involving chemicals.
UNUSUAL FIRE AND EXPLOSION HAZARDS: N/A

SECTION VIII - HEALTH HAZARDS

EFFECTS OF OVEREXPOSURE (Primary Route of Entry)
SKIN: Irritant
EYES: Irritant
INHALATION: Irritation to nose, nausea
CARCINOGENS: None suspected
NTP: **OSHA:**
IARC: **ACGIH:**
OTHER:

SECTION VII - FIRST AID

EYES: Flush with water for at least 15 minutes, be sure to keep eyelids opened. Get immediate medical attention if irritation persists.
SKIN: Wash with plenty of soap and water. Wash contaminated clothing before wearing. Get medical attention if irritation persists.
INGESTION: Give milk or water to dilute. INDUCE VOMITING. Get immediate medical attention. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.
INHALATION: Remove victim to fresh air. If person is having difficulty in breathing, perform artificial respiration and get immediate medical attention.

SECTION IX - STORAGE AND HANDLING

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:
Use common sense and sound industrial hygiene practices when handling this material as well as any other materials. Keep container closed when not in use. Wash hands after handling. Keep out of reach of children. Wear appropriate personal protection to avoid eye and skin contact.

SECTION X - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Wear necessary personal protective equipment. Evacuate all unnecessary personnel. Dike area to prevent spreading of the spilled material. Cover with an inert absorbent (sand, clay, etc.), shovel into appropriate containers, and dispose of in accordance with federal, state, and local regulations.
EMPTY CONTAINERS DISPOSAL: Any disposal practices must be in compliance with federal, state and local laws. Any questions regarding disposal should be directed to the proper government agency.

Manufactured By: WARSAW CHEMICAL CO., INC.
390 Argonne Road, P.O. Box 858
Warsaw, IN 46581
219-267-3251 FAX: 219-267-3884

Carb



SAFETY DATA SHEET

Revision Date 01/30/2015

REVISION NUMBER: 2

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Product identifier

Product name PERFECT 7, Neutral pH Low Foam Cleaner

Other means of identification

Product code 104390

Synonyms NONE

Recommended use of the chemical and restrictions on use

Recommended Use No information available.

Uses advised against No information available

Details of the supplier of the safety data sheet

Manufacturer Address

Rochester Midland Corporation
155 Paragon Drive
Rochester, New York 14624 USA

Emergency telephone number

EMERGENCY TELEPHONE INFOTRAC: 1-800-535-5053
OUTSIDE U.S.: +1-352-323-3500

2. HAZARDS IDENTIFICATION

Classification

OSHA Regulatory Status

This chemical is not considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.122)

Not a dangerous substance or mixture according to the Globally Harmonized System (GHS)

Label elements

Emergency Overview

The product contains no substances which at their given concentration, are considered to be hazardous to health

Appearance Clear Light Blue

Physical state Liquid

Odor MILD

Hazards not otherwise classified (HNOC)

No information available

Other information

Unknown Acute Toxicity 3.09% of the mixture consists of ingredient(s) of unknown toxicity

3. COMPOSITION/INFORMATION ON INGREDIENTS

The product contains no substances which at their given concentration, are considered to be hazardous to health.

4. FIRST AID MEASURES

First aid measures

General advice	No hazards which require special first aid measures.
Eye contact	IF IN EYES: Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a physician.
Skin contact	IF ON SKIN: Wash with soap and water.
Inhalation	IF INHALED: Remove to fresh air.
Ingestion	IF SWALLOWED: Clean mouth with water and drink afterwards plenty of water.

Most important symptoms and effects, both acute and delayed

Symptoms No information available.

Indication of any immediate medical attention and special treatment needed

Note to physicians Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable extinguishing media Caution: Use of water spray when fighting fire may be inefficient.

Specific hazards arising from the chemical

No information available.

Explosion data

Sensitivity to Mechanical Impact NONE.

Sensitivity to Static Discharge NONE.

Protective equipment and precautions for firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal precautions Ensure adequate ventilation, especially in confined areas.

Environmental precautions

Environmental precautions See Section 12 for additional ecological information.

Methods and material for containment and cleaning up

Methods for containment Prevent further leakage or spillage if safe to do so.

Methods for cleaning up Dike to contain. Pick up with absorbant material. Put in suitable container for disposal.

7. HANDLING AND STORAGE

COAB

Precautions for safe handling

Advice on safe handling Avoid contact with eyes. Do not breathe mist or vapors. Keep out of reach of children.

Conditions for safe storage, including any incompatibilities

Storage Conditions Keep containers tightly closed in a dry, cool and well-ventilated place. Store indoors.

Incompatible materials None known based on information supplied.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Exposure Guidelines This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

Appropriate engineering controls

ENGINEERING CONTROLS Showers
Eyewash stations
Ventilation systems.

Individual protection measures, such as personal protective equipment

Eye/face protection Safety glasses are recommended to minimize eye contact.

Skin and body protection Chemical resistant gloves are recommended to minimize skin contact. It is the responsibility of the end user of this product to determine level of PPE required that is consistent with safe use of this product.

RESPIRATORY PROTECTION None normally required.

General Hygiene Considerations Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical state	Liquid	Odor	MILD
Appearance	Clear Light Blue	Odor threshold	No information available
Color	No information available		
Property	Values	Remarks • Method	
pH	5.5		
Melting point/freezing point	No information available		
Boiling point / boiling range	100 °C / 212 °F		
Flash point	-	None to boiling.	
Evaporation rate	1.26		
Flammability (solid, gas)	No information available		
Flammability Limit in Air			
Upper flammability limit:	No information available		
Lower flammability limit:	No information available		
Vapor pressure	15.7	mm Hg @ 22.2 °C	
Vapor density	0.625		
Specific gravity	0.989 - 1.009		
Water solubility	No information available		
Solubility in other solvents	No information available		
Partition coefficient	No information available		
Autoignition temperature	No information available		
Decomposition temperature	No information available		
Kinematic viscosity	No information available		
Dynamic viscosity	No information available		

Explosive properties No information available
Oxidizing properties No information available

Other Information

Softening point No information available
VOC (EPA METH.24) (G/L): No information available
Density No information available
Bulk density No information available

10. STABILITY AND REACTIVITY

REACTIVITY

No data available

Chemical stability

Stable under recommended storage conditions.

Possibility of Hazardous Reactions

None under normal processing.

CONDITIONS TO AVOID

Extremes of temperature and direct sunlight.

Incompatible materials

None known based on information supplied.

Hazardous Decomposition Products

Oxides of Carbon. Oxides of Nitrogen.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Product Information	No data available
Inhalation	No data available.
Eye contact	May cause slight irritation.
Skin contact	Prolonged contact may lead to irritation and dermatitis.
Ingestion	Large amounts may cause irritation, nausea, diarrhea.

Information on toxicological effects

Symptoms No information available.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Sensitization	No information available.
Germ cell mutagenicity	No information available.
Carcinogenicity	No information available.
Reproductive Toxicity	No information available.
STOT - single exposure	No information available.
STOT - repeated exposure	No information available.
Aspiration hazard	No information available.

Numerical measures of toxicity - Product Information

C28D

Unknown Acute Toxicity 3.09% of the mixture consists of ingredient(s) of unknown toxicity

12. ECOLOGICAL INFORMATION

Ecotoxicity

3.24% of the mixture consists of components(s) of unknown hazards to the aquatic environment

Persistence and degradability

No information available.

Bioaccumulation

No information available.

Other adverse effects

No information available

13. DISPOSAL CONSIDERATIONS

Waste treatment methods

Disposal of wastes

Disposal should be in accordance with applicable regional, national and local laws and regulations.

Contaminated packaging

Do not reuse container.

14. TRANSPORT INFORMATION

Proper shipping name

Not Regulated by DOT

15. REGULATORY INFORMATION

International Inventories

TSCA	Complies
DSL/NDSL	Complies
EINECS/ELINCS	Does not Comply
ENCS	Does not Comply
IECSC	Complies
KECL	Does not Comply
PICCS	Complies
AICS	Complies

Legend:

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory
DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List
EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances
ENCS - Japan Existing and New Chemical Substances
IECSC - China Inventory of Existing Chemical Substances
KECL - Korean Existing and Evaluated Chemical Substances
PICCS - Philippines Inventory of Chemicals and Chemical Substances
AICS - Australian Inventory of Chemical Substances

US Federal Regulations

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

SARA 311/312 Hazard Categories

ACUTE HEALTH HAZARD	No
CHRONIC HEALTH HAZARD	No
FIRE HAZARD	No
Sudden release of pressure hazard	No
REACTIVE HAZARD	No

CWA (Clean Water Act)

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

CERCLA

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material

US State Regulations

California Proposition 65

This product does not contain any Proposition 65 chemicals

U.S. State Right-to-Know Regulations

U.S. EPA Label Information

EPA Pesticide Registration Number Not applicable

16. OTHER INFORMATION

NFPA

Health hazards 1
Flammability 0
Instability 0

Physical and Chemical Properties -

HMIS

Health hazards 1
Flammability 0
Physical hazards 0
Personal protection X

Prepared By EH&S DEPARTMENT
Revision Date 01/30/2015
Revision Note

Disclaimer

The information provided in this Material Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

*** END OF SDS ***

COBF

Professional Tile & Grout Cleaner

MSDS Number: D456

Revision Date: November 15, 2013

Page 1 of 6

1 PRODUCT AND COMPANY IDENTIFICATION

Manufacturer

Kärcher North America, Inc.
Prochem
325 S. Price Road
Chandler, AZ 85224

Contact: Prochem
Phone: 480-899-7000
Fax: 480-786-9538
Email: info@prochem.com
Web: www.prochem.com

Product Name: Professional Tile & Grout Cleaner
Revision Date: November 15, 2013
Version: 43-61D
MSDS Number: D456

Emergency Information: INFOTRAC 1-800-535-5053 International 1-352-323-3500

2 HAZARDS IDENTIFICATION

Route of Entry: Eyes; Skin; Inhalation;
Target Organs: Eyes; Skin;
Inhalation: Minimal respiratory tract irritation is expected when product is used according to label instructions.
Skin Contact: Can cause irritation and dermatitis.
Eye Contact: Can cause irritation, redness and burns.
Ingestion: Small amounts swallowed incidental to normal handling operations are not likely to cause injury; swallowing amounts larger than that may cause injury.

NFPA:
HMIS III:

Health = 2, Fire = 1, Reactivity = 0
H2/F1/PH0



HMIS III	
HEALTH	2
FLAMMABILITY	1
PHYSICAL HAZARDS	0
PERSONAL PROTECTION B Safety Glasses, Gloves	

PERSONAL PROTECTION INDEX																						
A	☒											G	☒	+	☒	+	☒	+	☒	+	☒	+
B	☒	+	☒									H	☒	+	☒	+	☒	+	☒	+	☒	+
C	☒	+	☒	+	☒							I	☒	+	☒	+	☒	+	☒	+	☒	+
D	☒	+	☒	+	☒	+	☒					J	☒	+	☒	+	☒	+	☒	+	☒	+
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F	☒	+	☒	+	☒	+	☒	+	☒	+	☒	X	Consult your supervisor or S.O.P. for "SPECIAL" handling directions									
A	☒	n	☒	☒	☒	☒	☒	☒	☒	☒	☒	q	☒	r	☒	s	☒	☒	☒	☒	☒	☒
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C29A

Professional Tile & Grout Cleaner

MSDS Number: D456

Revision Date: November 15, 2013

Page 2 of 6

GHS Hazard Pictograms:



GHS Classifications:

- Health, Acute toxicity, 5 Oral
- Health, Skin corrosion/irritation, 1 B
- Health, Serious Eye Damage/Eye Irritation, 1

GHS Phrases:

- Warning, H303 - May be harmful if swallowed
- Danger, H314 - Causes severe skin burns and eye damage
- Danger, H318 - Causes serious eye damage

GHS Precautionary Statements:

- Do not breathe dust/fume/gas/mist/vapours/spray.
- Wash _ thoroughly after handling.
- Wear protective gloves/protective clothing/eye protection/face protection.
- IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
- IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
- IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
- Immediately call a POISON CENTER or doctor/physician.
- IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.
- Wash contaminated clothing before reuse.

3

HAZARDS IDENTIFICATION

Ingredients:

CAS #	Percentage	Chemical Name
112-34-5	<6%	Diethylene glycol monobutyl ether
1310-58-3	<2%	Potassium hydroxide
34590-94-8	<2%	Dipropylene glycol methyl ether

OSHA Regulatory Status:

This SDS contains valuable information critical to the safe handling and proper use of this product. This SDS should be retained and available for employees and other users of this product.

C29B

Professional Tile & Grout Cleaner

MSDS Number: D456

Revision Date: November 15, 2013

Page 3 of 6

4

FIRST AID MEASURES

- Inhalation:** If symptoms develop, move victim to fresh air; if symptoms persist, obtain medical attention.
- Skin Contact:** Wash with soap and water. If irritation persists consult medical personnel.
- Eye Contact:** Immediately flush eyes with large amounts of water for at least 15 minutes, lifting eyelids occasionally to facilitate irrigation. Get immediate medical attention.
- Ingestion:** If swallowed, DO NOT induce vomiting unless directed to do so by medical personnel. If injured party is conscious, give two glasses of water. Seek medical attention.

5

FIRE FIGHTING MEASURES

- Flash Point:** >212°F
- Flash Point Method:** Closed Cup

Wear self-contained breathing apparatus and other protective clothing. Use any standard agent - choose the one most appropriate for type of surrounding fire.

6

ACCIDENTAL RELEASE MEASURES

Keep away from drains and ground water. Keep all unnecessary personnel away. Spill area may be slippery. Pick up excess with inert absorbent material and place into separate waste container. Ventilate area and wash spill site after material pickup is complete. Consult an expert on disposal of recovered material and ensure conformity to local disposal regulations.

7

HANDLING AND STORAGE

- Handling Precautions:** Avoid contact with eyes, skin, or clothing; Consider normal working hygiene. Handle with care and avoid spillage on the floor (slippage). Keep away from sources of ignition; wash thoroughly after handling.
- Storage Requirements:** Keep away from children. Store in cool/dry area; Keep container closed.

8

EXPOSURE CONTROLS/PERSONAL PROTECTION

- Engineering Controls:** Normal room ventilation is satisfactory for limited use.
- Personal Protective Equip:** HMIS PP, B | Safety glasses, Gloves

Dipropylene glycol methyl ether 34590-94-8 OSHA PEL 100 ppm/ 600 mg/m3

9

PHYSICAL AND CHEMICAL PROPERTIES

- Appearance:** Clear light green
- Physical State:** Liquid
- Spec Grav./Density:** 8.85 lb/gal
- pH:** 12.8 - 13.2 as is; 11.4 - 11.9 RTU
- Odor:** Lemon - Floral
- Solubility:** Soluble

C29K

Professional Tile & Grout Cleaner

MSDS Number: D456

Revision Date: November 15, 2013

Page 4 of 6

10

STABILITY AND REACTIVITY

Stability:	Product is stable under normal conditions.
Conditions to Avoid:	None Known
Materials to Avoid:	None Known
Hazardous Decomposition:	Exposure to fire may liberate carbon dioxide, carbon monoxide, organic acids, and other unidentified thermal decomposition products from this product or its packaging.
Hazardous Polymerization:	Will not occur.

11

TOXICOLOGICAL INFORMATION

Toxicity Data:

Diethylene glycol butyl ether 112-34-5

Oral (LD 50): 5660 mg/kg - Rat

Inhalation (LC 50): Not listed on RTECS

Skin irritation: Moderate

Eye irritation: Severe

Sensitization: Not considered an occupational sensitizer

Potassium hydroxide 1310-58-3

Oral (LD 50): 273 mg/kg - Rat

Inhalation (LC): Not listed on RTECS

Skin irritation: Severe - Human

Eye irritation: Severe - Rabbit

Sensitization: Not considered an occupational sensitizer

Diethylene glycol butyl ether 112-34-5

Oral (LD 50): 5660 mg/kg - Rat

Inhalation (LC 50): Not listed on RTECS

Skin irritation: Moderate

Eye irritation: Severe

Sensitization: Not considered an occupational sensitizer

C29D

Professional Tile & Grout Cleaner

MSDS Number: D456

Revision Date: November 15, 2013

Page 5 of 6

12

ECOLOGICAL INFORMATION

On the basis of available information, this material is not expected to produce any significant environmental effects when recommended use instructions are followed.

13

DISPOSAL CONSIDERATIONS

Dispose of in accordance with local regulations.

14

TRANSPORT INFORMATION

Ship in accordance with 49 CFR parts 100-185.

Gallon 4X1 Case: Limited Quantity

55 Gallon Drum: UN1760 corrosive liquids, n.o.s., (Potassium hydroxide), 8, II

15

REGULATORY INFORMATION

COMPONENT / (CAS/PERCENT) / CODES

*Diethylene glycol monobutyl ether (112345 <6%) TSCA, WHMIS

*Potassium hydroxide (1310583 <2%) CERCLA, CSWHS, MASS, OSHAWAC, PA, TSCA, TXAIR, WHMIS

*Dipropylene glycol methyl ether (34590948 <2%) MASS, OSHAWAC, PA, TSCA, TXAIR, WHMIS

REGULATORY KEY DESCRIPTIONS

All components are listed on TSCA

CERCLA = Superfund clean up substance

CSWHS = Clean Water Act Hazardous substances

MASS = MA Massachusetts Hazardous Substances List

OSHAWAC = OSHA Workplace Air Contaminants

PA = PA Right-To-Know List of Hazardous Substances

TXAIR = TX Air Contaminants with Health Effects Screening Level

WHMIS = Workplace Haz Mat Info Sys Canada

C29E

SDS

Safety Data Sheet Prochem

PROCHEM
#1 FOR A REASON!

Professional Tile & Grout Cleaner

MSDS Number: D456

Revision Date: November 15, 2013

Page 6 of 6

16

OTHER INFORMATION

This document is prepared in accordance with 29 CFR 1910.1200. The purpose of this section is to ensure that the hazards of all chemicals produced or imported are evaluated, and that information concerning their hazards is transmitted to employers and employees.

All information appearing herein is based upon data obtained from the raw material manufacturer and/or recognized technical sources. While the information above is believed to be true and accurate, the author makes no representations as to its accuracy or sufficiency. Conditions of use are beyond the manufacturer's control; therefore the users are responsible to verify this data under their own particular conditions, applications and regulations to determine if the product is suitable for their particular purposes. The users assume all risks of product use, handling, disposal, reliance upon, publication or use of the information contained herein. This information applies only to the product designated above and does not necessarily apply to its use in combination with other materials, products, chemical compounds, structures or processes.

Prepared by: EHS Manager

Phone Number: [480] 899-7000

C29F



SAFETY DATA SHEET

Revision Date 01/30/2015

REVISION NUMBER: 2

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Product identifier

Product name PROXI, Spray & Walk Away

Other means of identification

Product code 118493

Synonyms NONE

Recommended use of the chemical and restrictions on use

Recommended Use No information available.

Uses advised against No information available

Details of the supplier of the safety data sheet

Manufacturer Address

Rochester Midland Corporation
155 Paragon Drive
Rochester, New York 14624 USA

Importer

Rochester Midland Limited
5353 John Lucas Drive
Suite 103
Burlington, ON L7L 6G5
Canada

Emergency telephone number

EMERGENCY TELEPHONE INFOTRAC: 1-800-535-5053
OUTSIDE U.S.: +1-352-323-3500
CANUTEC: 613-996-6666

2. HAZARDS IDENTIFICATION

Classification

OSHA Regulatory Status

This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

This chemical is considered hazardous by the WHMIS 2015 Hazardous Products Regulation.

Skin corrosion/irritation	Category 2
Serious eye damage/eye irritation	Category 1

Label elements

Emergency Overview

DANGER

Hazard statements

Causes skin irritation

Causes serious eye damage



Appearance Clear, Colorless

Physical state Liquid

Odor No information available

Precautionary Statements - Prevention

Wash face, hands and any exposed skin thoroughly after handling
 Wear protective gloves/protective clothing/eye protection/face protection

Precautionary Statements - Response

Immediately call a POISON CENTER or doctor/physician
 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
 Immediately call a POISON CENTER or doctor/physician
 IF ON SKIN: Wash with plenty of soap and water
 If skin irritation occurs: Get medical advice/attention
 Take off contaminated clothing and wash before reuse

Hazards not otherwise classified (HNOC)

No information available

Other Information

3. COMPOSITION/INFORMATION ON INGREDIENTS

PRODUCT COMPOSITION	CAS No.	%	TRADE SECRET
Hydrogen Peroxide	7722-84-1	< 8	*

*The exact percentage (concentration) of composition has been withheld as a trade secret.

4. FIRST AID MEASURES

First aid measures

General advice Immediately call a POISON CENTER or doctor/physician.

Eye contact IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor/physician.

Skin contact IF ON SKIN: Gently wash with plenty of soap and water. If skin irritation occurs: Get medical advice/ attention. Remove contaminated clothing and launder before reuse.

Inhalation IF INHALED: Remove to fresh air.

Ingestion IF SWALLOWED: Clean mouth with water and drink afterwards plenty of water.

Most important symptoms and effects, both acute and delayed

Symptoms No information available.

Indication of any immediate medical attention and special treatment needed

Note to physicians Treat symptomatically.

C30B

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media

Water spray or fog is preferred; if water not available use dry chemical, CO2 or regular foam.

Unsuitable extinguishing media Caution: Use of water spray when fighting fire may be inefficient.

Specific hazards arising from the chemical

No information available.

Explosion data

Sensitivity to Mechanical Impact NONE.

Sensitivity to Static Discharge NONE.

Protective equipment and precautions for firefighters

Toxic vapors are emitted in a fire condition. Firefighters should be equipped with self-contained breathing apparatus and turn out gear.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal precautions Ensure adequate ventilation, especially in confined areas.

Environmental precautions

Environmental precautions See Section 12 for additional ecological information.

Methods and material for containment and cleaning up

Methods for containment Prevent further leakage or spillage if safe to do so.

Methods for cleaning up Dike to contain. Pick up with absorbant material. Put in suitable container for disposal.

7. HANDLING AND STORAGE

Precautions for safe handling

Advice on safe handling Avoid contact with eyes, skin and clothing. Avoid prolonged contact. Keep out of reach of children. Read and follow label instructions.

Conditions for safe storage, including any incompatibilities

Storage Conditions Store in a cool, dry area.

Incompatible materials Contact with iron. Contact with copper. Brass. Nickel.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Exposure Guidelines

PRODUCT COMPOSITION	ACGIH TLV	OSHA PEL	NIOSH IDLH
Hydrogen Peroxide 7722-84-1	TWA: 1 ppm	(vacated) TWA: 1 ppm (vacated) TWA: 1.4 mg/m ³ TWA: 1 ppm TWA: 1.4 mg/m ³	75 ppm

Appropriate engineering controls

ENGINEERING CONTROLS Showers
Eyewash stations
Ventilation systems.

C3D/C

Individual protection measures, such as personal protective equipment

- Eye/face protection** Safety glasses are recommended to minimize eye contact.
- Skin and body protection** Chemical resistant gloves are recommended to minimize skin contact. It is the responsibility of the end user of this product to determine level of PPE required that is consistent with safe use of this product.
- RESPIRATORY PROTECTION** NIOSH approved respirator if spray mist in air causes irritation.

General Hygiene Considerations Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical state	Liquid	Odor	No information available
Appearance	Clear, Colorless	Odor threshold	No information available
Color	No information available		
<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>	
pH	7.8		
Melting point/freezing point	No information available		
Boiling point / boiling range	100 °C / 212 °F		
Flash point	-	None to boiling.	
Evaporation rate	No information available		
Flammability (solid, gas)	No information available		
Flammability Limit in Air			
Upper flammability limit:	No information available		
Lower flammability limit:	No information available		
Vapor pressure	No information available		
Vapor density	No information available		
Specific gravity	1.018 - 1.028		
Water solubility	No information available		
Solubility in other solvents	No information available		
Partition coefficient	No information available		
Autoignition temperature	No information available		
Decomposition temperature	No information available		
Kinematic viscosity	No information available		
Dynamic viscosity	No information available		
Explosive properties	No information available		
Oxidizing properties	No information available		

Other Information

Softening point	No information available
VOC (EPA METH.24) (G/L):	No information available
Density	No information available
Bulk density	No information available

10. STABILITY AND REACTIVITY

REACTIVITY
No data available

Chemical stability
Stable under recommended storage conditions.

Possibility of Hazardous Reactions
None under normal processing.

C301D

CONDITIONS TO AVOID

Extremes of temperature and direct sunlight.

Incompatible materials

Contact with iron. Contact with copper. Brass. Nickel.

Hazardous Decomposition Products

Oxygen.

11. TOXICOLOGICAL INFORMATION**Information on likely routes of exposure**

Product Information	Serious eye damage/eye irritation.
Inhalation	No data available.
Eye contact	Corrosive to the eyes and may cause severe damage including blindness.
Skin contact	Causes skin irritation.
Ingestion	Large amounts may cause irritation, nausea, diarrhea.

PRODUCT COMPOSITION	Oral LD50	Dermal LD50	Inhalation LC50
Hydrogen Peroxide 7722-84-1	= 801 mg/kg (Rat)	= 2000 mg/kg (Rabbit)	= 2 g/m ³ (Rat) 4 h

Information on toxicological effects

Symptoms No information available.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Sensitization No information available.
Germ cell mutagenicity No information available.
Carcinogenicity No information available.

PRODUCT COMPOSITION	ACGIH	IARC	NTP	OSHA
Hydrogen Peroxide 7722-84-1	A3	Group 3	-	-

Reproductive Toxicity No information available.
STOT - single exposure No information available.
STOT - repeated exposure No information available.
Aspiration hazard No information available.

Numerical measures of toxicity - Product Information

The following values are calculated based on chapter 3.1 of the GHS document .

ATEmix (oral) 16863 mg/kg
ATEmix (dermal) 42105 mg/kg
ATEmix (inhalation-dust/mist) 31.6 mg/l

12. ECOLOGICAL INFORMATION**Ecotoxicity**

0.4% of the mixture consists of component(s) of unknown hazards to the aquatic environment

PRODUCT COMPOSITION	Algae/aquatic plants	Fish	Crustacea

C30E

Hydrogen Peroxide 7722-84-1	-	16.4: 96 h Pimephales promelas mg/L LC50 10.0 - 32.0: 96 h Oncorhynchus mykiss mg/L LC50 static 18 - 56: 96 h Lepomis macrochirus mg/L LC50 static	18 - 32: 48 h Daphnia magna mg/L EC50 Static
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Persistence and degradability

No information available.

Bioaccumulation

No information available.

Other adverse effects

No information available

13. DISPOSAL CONSIDERATIONS

Waste treatment methods

Disposal of wastes

Disposal should be in accordance with applicable regional, national and local laws and regulations.

Contaminated packaging

Do not reuse container.

14. TRANSPORT INFORMATION

DEPT. OF TRANSPORTATION

Proper shipping name

Not Regulated by DOT

TDG

Not Regulated

15. REGULATORY INFORMATION

International Inventories

TSCA	Complies
DSL/NDSL	Complies
EINECS/ELINCS	Does not Comply
ENCS	Complies
IECSC	Complies
KECL	Complies
PICCS	Complies
AICS	Complies

Legend:

- TSCA - United States Toxic Substances Control Act Section 8(b) Inventory
- DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List
- EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances
- ENCS - Japan Existing and New Chemical Substances
- IECSC - China Inventory of Existing Chemical Substances
- KECL - Korean Existing and Evaluated Chemical Substances

C3DF

PICCS - Philippines Inventory of Chemicals and Chemical Substances
 AICS - Australian Inventory of Chemical Substances

US Federal Regulations

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

SARA 311/312 Hazard Categories

ACUTE HEALTH HAZARD	YES
CHRONIC HEALTH HAZARD	No
FIRE HAZARD	No
Sudden release of pressure hazard	No
REACTIVE HAZARD	No

CWA (Clean Water Act)

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

CERCLA

This material, as supplied, contains one or more substances regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302)

PRODUCT COMPOSITION	Hazardous Substances RQs (in LBS)	U.S. - CERCLA/SARA - Section 302 Extremely Hazardous Substances TPQs
Hydrogen Peroxide 7722-84-1	-	1000

US State Regulations

California Proposition 65

This product does not contain any Proposition 65 chemicals

U.S. State Right-to-Know Regulations

PRODUCT COMPOSITION	NJRTK:	MARTK:	PARTK:
Hydrogen Peroxide 7722-84-1		Listed	Listed

U.S. EPA Label Information

EPA Pesticide Registration Number Not applicable

16. OTHER INFORMATION

NFPA

Health hazards 1
 Flammability 0
 Instability 1

Physical and Chemical Properties -

HMIS

Health hazards 1
 Flammability 0
 Physical hazards 1
 Personal protection B

Prepared By	EH&S DEPARTMENT
Revision Date	01/30/2015
Revision Note	

CSG

Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

*** END OF SDS ***

C3DH

SAFETY DATA SHEET

Issuing date 20-Jun-2013

Revision Date 15-May-2015

Version 3

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Product identifier

Product name Releasit Encap Spot

Other means of identification

Product Code 501194
Document 501194C1Q12/ 501194CG5/ 501194CG55

Recommended use of the chemical and restrictions on use

Recommended use Carpet Spotter

Details of the supplier of the safety data sheet

Distributor

Releasit
2820 Scherer Drive North, Suite #220,
St. Petersburg, FL 33716

Emergency telephone number

24 Hour Emergency Phone Number INFOTRAC 1-352-323-3500 (International)
1-800-535-5053 (North America)

Company Phone Number 800-330-1888

2. HAZARDS IDENTIFICATION

Classification

OSHA Regulatory Status

This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

Serious eye damage/eye irritation	Category 2B
-----------------------------------	-------------

Label elements

Emergency Overview

Warning

Hazard Statements

Causes eye irritation

Appearance Translucent

Physical state Liquid

Odor Tea Tree Odor

Precautionary Statements - Prevention

- Wash face, hands and any exposed skin thoroughly after handling

Precautionary Statements - Response

- IF exposed or concerned: Get medical advice/attention
- IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
- If eye irritation persists: Get medical advice/attention
- IF ON SKIN: Wash with plenty of soap and water
- IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing
- IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell

Precautionary Statements - Storage

Store in a well-ventilated place

Precautionary Statements - Disposal

Dispose of contents/container to approved disposal facility

Hazards not otherwise classified (HNOC)

Other information

Unknown Acute Toxicity

2.47% of the mixture consists of ingredient(s) of unknown toxicity

3. COMPOSITION/INFORMATION ON INGREDIENTS

This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

Chemical Name	CAS-No	Weight-%	Trade Secret
Isopropyl alcohol	67-63-0	1% - 5%	*
Dipropylene glycol monomethyl ether	34590-94-8	1% - 5%	*

*The exact percentage (concentration) of composition has been withheld as a trade secret.

4. FIRST AID MEASURES

First aid measures for different exposure routes

General advice	Show this safety data sheet to the doctor in attendance.
Eye contact	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. If symptoms persist, call a physician.
Skin contact	Wash off with plenty of water. If skin irritation persists, see a physician.
Inhalation	If qualified give oxygen or artificial respiration as needed.
Ingestion	Do not induce vomiting unless directed by a physician. If conscious and alert, give two glasses of water. Seek medical attention immediately.

Most important symptoms/effects, acute and delayed

Main Symptoms The most important known symptoms and effects are described in the labelling in section 2 and/or in section 11.

Indication of immediate medical attention and special treatment needed, if necessary

Notes to physician Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media

Carbon dioxide (CO₂). Dry chemical. Alcohol-resistant foam.

Unsuitable Extinguishing Media This product contains alcohols which will reduce the effectiveness of normal foam. Use alcohol-resistant foam instead.

Specific hazards arising from the chemical

No information available.

Explosion Data

Sensitivity to Mechanical Impact None.

Sensitivity to Static Discharge None.

Protective Equipment and Precautions for Firefighters

C31B

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal precautions ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area). Ensure adequate ventilation. Avoid contact with the skin and the eyes. Use personal protective equipment.

Environmental precautions

Environmental precautions Prevent entry into waterways, sewers, basements or confined areas. See Section 12 for additional Ecological Information.

Methods and materials for containment and cleaning up

Methods for Containment Prevent further leakage or spillage if safe to do so.

Methods for cleaning up Contain spill. Mop up. Rinse residue with water.

7. HANDLING AND STORAGE

Precautions for safe handling

Advice on safe handling Use good personal hygiene practices. Wash hands before eating, drinking, smoking, or using toilet facilities. Wash thoroughly after work using soap and water. Do not eat, drink or smoke when using this product.

Conditions for safe storage, including any incompatibilities

Technical measures/Storage conditions Keep away from open flames, hot surfaces and sources of ignition. Keep container in cool well-ventilated area. Keep container tightly closed. Store away from incompatible materials. Keep out of the reach of children.

Incompatible products Oxidizers

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Exposure Guidelines Review Section 3 & 4 for Exposure Guidelines.

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Isopropyl alcohol 67-63-0	STEL: 400 ppm TWA: 200 ppm	TWA: 400 ppm TWA: 980 mg/m ³	IDLH: 2000 ppm TWA: 400 ppm TWA: 980 mg/m ³ STEL: 500 ppm STEL: 1225 mg/m ³
Dipropylene glycol monomethyl ether 34590-94-8	STEL: 150 ppm TWA: 100 ppm	TWA: 100 ppm TWA: 600 mg/m ³ S*	IDLH: 600 ppm TWA: 100 ppm TWA: 600 mg/m ³ STEL: 150 ppm STEL: 900 mg/m ³

NIOSH IDLH: *Immediately Dangerous to Life or Health*

Appropriate engineering controls

Engineering Measures Ensure adequate ventilation, especially in confined areas

Individual protection measures, such as personal protective equipment

Eye/Face Protection Splash-proof chemical goggles or face shield.

C312

Skin and body protection	Rubber gloves.
Respiratory protection	If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.
Hygiene measures	Do not eat, drink or smoke when using this product. Practice good personal hygiene. Wash after handling.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical and chemical properties

Physical state	Liquid	Odor	Tea Tree Odor
Appearance	Translucent	Odor Threshold	No information available
Color	Colorless		
<u>Property</u>		<u>Values</u>	
pH	8.0 +/- 0.5	<u>Remarks • Methods</u>	
Melting/freezing point	No information available		
Boiling point/boiling range	100 °C / 212 °F	Estimated	
Flash Point	>37 °C / >138 °F	TCC	
Evaporation rate	About the same as water	Similar to water	
Flammability (solid, gas)	No information available		
Flammability Limits in Air			
Upper flammability limit	No information available		
Lower flammability limit	No information available		
Vapor pressure	NE		
Vapor density	NE		
Specific Gravity	1.007 +/- 0.005		
Water solubility	Completely soluble.	Completely soluble.	
Solubility in other solvents	No information available		
Partition coefficient: n-octanol/water	No information available		
Autoignition temperature	No information available		
Decomposition temperature	No information available		
Viscosity, kinematic	No information available		
Viscosity, dynamic	No information available		
Explosive properties	No information available		
Oxidizing Properties	No information available		

Other information

Softening point	N/A
Molecular Weight	N/A
VOC Content(%)	< 10 %
Density VALUE	N/A
Bulk Density VALUE	N/A

10. STABILITY AND REACTIVITY

Chemical stability

Stable under recommended storage conditions.

Possibility of hazardous reactions

None under normal processing.

Conditions to Avoid

Heat, flames and sparks.

Incompatible Materials

Oxidizers

Hazardous Decomposition Products

On burning carbon monoxide and dioxide.

031D

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Product Information Causes eye irritation

Inhalation Vapors may irritate throat and respiratory system. May cause central nervous system depression with nausea, headache, dizziness, and incoordination.

Eye contact Irritating to eyes.

Skin contact Prolonged contact may cause redness and irritation.

Ingestion Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

Chemical Name	Oral LD50	Dermal LD50	LC50 Inhalation
Isopropyl alcohol 67-63-0	= 1870 mg/kg (Rat)	= 4059 mg/kg (Rabbit)	= 72600 mg/m ³ (Rat) 4 h
Dipropylene glycol monomethyl ether 34590-94-8	= 5230 mg/kg (Rat)	= 9500 mg/kg (Rabbit)	-

Information on toxicological effects

Symptoms No information available.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Sensitization No information available.
Mutagenic effects No information available.
Carcinogenicity The table below indicates whether each agency has listed any ingredient as a carcinogen.

Chemical Name	ACGIH	IARC	NTP	OSHA
Isopropyl alcohol 67-63-0	-	Group 3	-	-

ACGIH: (American Conference of Governmental Industrial Hygienists)

A3 - Animal Carcinogen

IARC: (International Agency for Research on Cancer)

Group 3 - Not Classifiable as to Carcinogenicity in Humans

Reproductive toxicity No information available.
STOT - single exposure No information available.
STOT - repeated exposure No information available.
Chronic toxicity No known effect based on information supplied.
Target Organ Effects Central nervous system.
Aspiration hazard No information available.

Numerical measures of toxicity - Product Information

Unknown Acute Toxicity 2.47% of the mixture consists of ingredient(s) of unknown toxicity
 The following values are calculated based on chapter 3.1 of the GHS document .
ATEmix (oral) 60399 mg/kg
ATEmix (inhalation-dust/mist) 208.3 mg/l

12. ECOLOGICAL INFORMATION

Ecotoxicity

4.84% of the mixture consists of components(s) of unknown hazards to the aquatic environment

Chemical Name	Algae/aquatic plants	Fish	Crustacea
Isopropyl alcohol 67-63-0	1000: 96 h Desmodesmus subspicatus mg/L EC50 1000: 72 h Desmodesmus subspicatus mg/L EC50	11130: 96 h Pimephales promelas mg/L LC50 static 1400000: 96 h Lepomis macrochirus µg/L LC50 9640: 96 h Pimephales promelas mg/L LC50 flow-through	13299: 48 h Daphnia magna mg/L EC50
Dipropylene glycol monomethyl	-	10000: 96 h Pimephales promelas	-

C31E

ether 34590-94-8		mg/L LC50 static	
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Persistence and degradability

No information available.

Bioaccumulation

No information available.

Chemical Name	Partition coefficient
Isopropyl alcohol 67-63-0	0.05
Dipropylene glycol monomethyl ether 34590-94-8	-0.064

Other adverse effects

No information available

13. DISPOSAL CONSIDERATIONS

Waste treatment

Waste Disposal Methods

Disposal should be in accordance with applicable regional, national and local laws and regulations.

Contaminated packaging

Do not reuse container.

This product contains one or more substances that are listed with the State of California as a hazardous waste.

Chemical Name	California Hazardous Waste Status
Isopropyl alcohol 67-63-0	Toxic Ignitable

14. TRANSPORT INFORMATION

DOT

Proper shipping name

Not regulated
Cleaning Compound, Not Regulated

15. REGULATORY INFORMATION

International Inventories

TSCA	Complies
DSL/NDSL	Complies
EINECS/ELINCS	-
ENCS	Complies
IECSC	Complies
KECL	Complies
PICCS	Complies
AICS	Complies

Legend:

TSCA - All components of this product are listed or are exempt or excluded from listing on the United States Toxic Substances Control Act Section 8(b) Inventory.

DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

C31F

EINECS/ELINCS - European Inventory of Existing Commercial Chemical Substances/EU List of Notified Chemical Substances
ENCS - Japan Existing and New Chemical Substances
IECSC - China Inventory of Existing Chemical Substances
KECL - Korean Existing and Evaluated Chemical Substances
PICCS - Philippines Inventory of Chemicals and Chemical Substances
AICS - Australian Inventory of Chemical Substances

U.S. Federal Regulations

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372:

Chemical Name	SARA 313 - Threshold Values %
Isopropyl alcohol - 67-63-0	1.0

SARA 311/312 Hazard Categories

Acute Health Hazard	Yes
Chronic Health Hazard	no
Fire Hazard	no
Sudden Release of Pressure Hazard	no
Reactive Hazard	no

Clean Water Act

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

CERCLA

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material.

U.S. State Regulations

California Proposition 65

This product does not contain any Proposition 65 chemicals.

U.S. State Right-to-Know Regulations

This product contains substances regulated by state right-to-know regulations.

Chemical Name	New Jersey	Massachusetts	Pennsylvania
Isopropyl alcohol 67-63-0	X	X	X
Dipropylene glycol monomethyl ether 34590-94-8	X	-	X

U.S. EPA Label Information

EPA Pesticide Registration Number Not applicable

16. OTHER INFORMATION

NFPA	Health Hazards 1	Flammability 0	Instability 0	Physical and chemical hazards -
HMIS	Health hazard 1	Flammability 0	Physical Hazards 0	Personal protection X

Prepared By
 Issuing date 20-Jun-2013
 Revision Date 15-May-2015
 Revision Note
 3

Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage,

0316

transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet

C31H

REVIVE IT OXY SPOTTER

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product form : Mixture
Product name : REVIVE IT OXY SPOTTER
Product code : P187

1.2. Relevant identified uses of the substance or mixture and uses advised against

Use of the substance/mixture : CARPET CLEANING

1.3. Details of the supplier of the safety data sheet

CleanPak Products LLC.
5408 N 59th St.
Tampa, FL 33610
T 813-740-8611 - F 813-740-8218
admin@cleanpakproducts.com - www.cleanpakproducts.com

1.4. Emergency telephone number

Emergency number : 1-800-535-5053
InfoTrac

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

GHS-US classification

Not classified

2.2. Label elements

GHS-US labelling

No labelling applicable

2.3. Other hazards

No additional information available

2.4. Unknown acute toxicity (GHS-US)

Not applicable

SECTION 3: Composition/information on ingredients

3.1. Substance

Not applicable

3.2. Mixture

Full text of H-phrases: see section 16

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures after inhalation : Allow victim to breathe fresh air.
First-aid measures after skin contact : Rinse with water.
First-aid measures after eye contact : Immediately rinse with water for a prolonged period while holding the eyelids wide open.
First-aid measures after ingestion : Drink plenty of water.

4.2. Most important symptoms and effects, both acute and delayed

No additional information available

4.3. Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media : EXTINGUISHING MEDIA FOR SURROUNDING FIRES:

REVIVE IT OXY SPOTTER

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

5.2. Special hazards arising from the substance or mixture

No additional information available

5.3. Advice for firefighters

No additional information available

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

Protective equipment : Gloves. Safety glasses.

6.1.2. For emergency responders

No additional information available

6.2. Environmental precautions

No additional information available

6.3. Methods and material for containment and cleaning up

No additional information available

6.4. Reference to other sections

No additional information available

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Hygiene measures : Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work.

7.2. Conditions for safe storage, including any incompatibilities

Maximum storage period : > 2 year

Storage area : Store in a cool area. Store in a dark area.

7.3. Specific end use(s)

No additional information available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

REVIVE IT OXY SPOTTER	
ACGIH	Not applicable
OSHA	Not applicable

8.2. Exposure controls

Appropriate engineering controls : Ensure good ventilation of the work station.

Personal protective equipment : Gloves. Safety glasses.



SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state : Liquid
Colour : Colourless
Odour : Pleasant odour
Odour threshold : No data available
pH : 7 - 8
Relative evaporation rate (butylacetate=1) : No data available
Melting point : No data available
Freezing point : No data available
Boiling point : No data available

C328

REVIVE IT OXY SPOTTER

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Flash point	: No data available
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Flammability (solid, gas)	: No data available
Vapour pressure	: No data available
Relative vapour density at 20 °C	: No data available
Specific gravity	: ≈ 1.06
Solubility	: Soluble in water. Water: Solubility in water of component(s) of the mixture : • tetrapotassium pyrophosphate, anhydrous: 187 g/100ml • hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, < 2% aromatics: < 0.1 g/100ml • edetic acid: 0.05 g/100ml
Log Pow	: No data available
Log Kow	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
Explosive properties	: No data available
Oxidising properties	: No data available
Explosive limits	: No data available

9.2. Other information

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

No additional information available

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

No additional information available

10.4. Conditions to avoid

No additional information available

10.5. Incompatible materials

No additional information available

10.6. Hazardous decomposition products

No additional information available

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity	: Not classified
Skin corrosion/irritation	: Not classified pH: 7 - 8
Serious eye damage/irritation	: Not classified pH: 7 - 8
Respiratory or skin sensitisation	: Not classified
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified
Reproductive toxicity	: Not classified
Specific target organ toxicity (single exposure)	: Not classified
Specific target organ toxicity (repeated exposure)	: Not classified
Aspiration hazard	: Not classified

C32C

REVIVE IT OXY SPOTTER

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

SECTION 12: Ecological information

12.1. Toxicity

No additional information available

12.2. Persistence and degradability

No additional information available

12.3. Bioaccumulative potential

No additional information available

12.4. Mobility in soil

No additional information available

12.5. Other adverse effects

Effect on ozone layer :

Effect on the global warming : No known ecological damage caused by this product.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste disposal recommendations : Dispose in a safe manner in accordance with local/national regulations.

SECTION 14: Transport information

In accordance with DOT

Not regulated for transport

Additional Information

Other information : No supplementary information available.

ADR

No additional information available

Transport by sea

No additional information available

Air transport

No additional information available

SECTION 15: Regulatory information

15.1. US Federal regulations

No additional information available

15.2. International regulations

CANADA

EU-Regulations

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Classification according to Directive 67/548/EEC [DSD] or 1999/45/EC [DPD]

Not classified

15.2.2. National regulations

No additional information available

15.3. US State regulations

SECTION 16: Other information

C321D

REVIVE IT OXY SPOTTER

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

HMIS III Rating

Health	: 0 Minimal Hazard - No significant risk to health
Flammability	: 0 Minimal Hazard
Physical	: 0 Minimal Hazard
Personal Protection	: B

SDS US (GHS HazCom 2012)

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product

C22E

REVIVE IT ROCKET

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product form : Mixture
Product name : REVIVE IT ROCKET
Product code : P188

1.2. Relevant identified uses of the substance or mixture and uses advised against

Use of the substance/mixture : CARPET CLEANING

1.3. Details of the supplier of the safety data sheet

Bonnet Pro
4529 Bethlehem Pike
Telford, PA 18969
T 1-877-477-1615 - F 215-453-9609
info@bonnetpro.com - www.bonnetpro.com

1.4. Emergency telephone number

Emergency number : 1-800-535-5053
InfoTrac

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

GHS-US classification

Not classified

2.2. Label elements

GHS-US labelling

No labelling applicable

2.3. Other hazards

No additional information available

2.4. Unknown acute toxicity (GHS-US)

Not applicable

SECTION 3: Composition/information on ingredients

3.1. Substance

Not applicable

3.2. Mixture

Full text of H-phrases: see section 16

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures after inhalation : Allow victim to breathe fresh air.
First-aid measures after skin contact : Rinse with water.
First-aid measures after eye contact : Immediately rinse with water for a prolonged period while holding the eyelids wide open.
First-aid measures after ingestion : Drink plenty of water.

4.2. Most important symptoms and effects, both acute and delayed

No additional information available

4.3. Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media : EXTINGUISHING MEDIA FOR SURROUNDING FIRES:

REVIVE IT ROCKET

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

5.2. Special hazards arising from the substance or mixture

No additional information available

5.3. Advice for firefighters

No additional information available

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

Protective equipment : Gloves. Safety glasses.

6.1.2. For emergency responders

No additional information available

6.2. Environmental precautions

No additional information available

6.3. Methods and material for containment and cleaning up

No additional information available

6.4. Reference to other sections

No additional information available

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Hygiene measures : Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work.

7.2. Conditions for safe storage, including any incompatibilities

Maximum storage period : > 2 year

Storage area : Store in a cool area. Store in a dark area.

7.3. Specific end use(s)

No additional information available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

REVIVE IT ROCKET	
ACGIH	Not applicable
OSHA	Not applicable

8.2. Exposure controls

Appropriate engineering controls : Ensure good ventilation of the work station.

Personal protective equipment : Gloves. Safety glasses.



SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state : Liquid
Colour : Colourless
Odour : Light Citrus
Odour threshold : No data available
pH : 6 - 7
Relative evaporation rate (butylacetate=1) : No data available
Melting point : No data available
Freezing point : No data available
Boiling point : No data available

C23B

REVIVE IT ROCKET

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Flash point	: No data available
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Flammability (solid, gas)	: No data available
Vapour pressure	: No data available
Relative vapour density at 20 °C	: No data available
Specific gravity	: ≈ 1.046
Solubility	: Soluble in water. Water: Solubility in water of component(s) of the mixture : • tetrapotassium pyrophosphate, anhydrous: 187 g/100ml • hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, < 2% aromatics: < 0.1 g/100ml • edetic acid: 0.05 g/100ml
Log Pow	: No data available
Log Kow	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
Explosive properties	: No data available
Oxidising properties	: No data available
Explosive limits	: No data available

9.2. Other information

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

No additional information available

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

No additional information available

10.4. Conditions to avoid

No additional information available

10.5. Incompatible materials

No additional information available

10.6. Hazardous decomposition products

No additional information available

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity	: Not classified
Skin corrosion/irritation	: Not classified pH: 6 - 7
Serious eye damage/irritation	: Not classified pH: 6 - 7
Respiratory or skin sensitisation	: Not classified
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified
Reproductive toxicity	: Not classified
Specific target organ toxicity (single exposure)	: Not classified
Specific target organ toxicity (repeated exposure)	: Not classified
Aspiration hazard	: Not classified

C33C

REVIVE IT ROCKET

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

SECTION 12: Ecological information

12.1. Toxicity

No additional information available

12.2. Persistence and degradability

No additional information available

12.3. Bioaccumulative potential

No additional information available

12.4. Mobility in soil

No additional information available

12.5. Other adverse effects

Effect on ozone layer :

Effect on the global warming : No known ecological damage caused by this product.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste disposal recommendations : Dispose in a safe manner in accordance with local/national regulations.

SECTION 14: Transport information

In accordance with DOT

Not regulated for transport

Additional Information

Other information : No supplementary information available.

ADR

No additional information available

Transport by sea

No additional information available

Air transport

No additional information available

SECTION 15: Regulatory information

15.1. US Federal regulations

No additional information available

15.2. International regulations

CANADA

EU-Regulations

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Classification according to Directive 67/548/EEC [DSD] or 1999/45/EC [DPD]

Not classified

15.2.2. National regulations

No additional information available

15.3. US State regulations

SECTION 16: Other information

C33D

REVIVE IT ROCKET

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

HMIS III Rating

Health	: 0 Minimal Hazard - No significant risk to health
Flammability	: 0 Minimal Hazard
Physical	: 0 Minimal Hazard
Personal Protection	: B

SDS US (GHS HazCom 2012)

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product

C33E



Rust Stain Remover Safety Data Sheet

Section 1. Identification

Product Name: Rust Stain Remover

Supplier Name: Whink Products Company
Address: PO Box 230
1901 15th Ave.
Eldora, IA 50627
Telephone number: 641-939-2353

Emergency phone number: Medical Emergency: 800-321-9065; Chemtrec: 800-424-9300

Recommended use: Rust Remover
Restrictions on use: Use only as directed

Date of Preparation: July 20, 2014

Section 2. Hazard(s) Identification

Note: This product is a consumer product and is labeled in accordance with the US Consumer Product Safety Commission regulations which take precedence over OSHA Hazard Communication labeling. The actual container label will not include the label elements below. The labeling below applies to industrial/professional products.

Classification:

Physical	Health
Not Hazardous	Acute Toxicity (oral) Category 4 Acute Toxicity (dermal) Category 3 Eye Damage Category 1 Skin Corrosion Category 1B

Danger!



Hazard statement(s)

Causes severe skin burns and eye damage.
Toxic in contact with skin.
Harmful if swallowed.
May be harmful if inhaled.

Storage

Store locked up.

Disposal

Dispose of contents and container in accordance with local and national regulations.

Prevention

Do not breathe vapors or mists. Wash thoroughly after handling.
Do not eat, drink or smoke when using this product.
Wear protective gloves, protective clothing, eye protection and face protection.

Response

IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.. Immediately call a POISON CENTER or doctor.
IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water. Immediately call a POISON CENTER or doctor. Wash contaminated clothing before reuse.
IF INHALED: Remove person to fresh air and keep comfortable for breathing. Immediately call a POISON CENTER or doctor.
IF IN EYES: Rinse cautiously with water for several minutes.

CBH A

Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor.

Section 3. Composition / Information on Ingredients

Chemical name	CAS No.	Percent
Hydrofluoric Acid	7664-39-3	1-2.3%

The specific identity and/or exact percentage (concentration) of composition has been withheld as a trade secret.

Section 4. First-Aid Measures

Inhalation: Immediately remove victim to fresh air. If breathing has stopped give artificial respiration. Mouth to mouth is not recommended. If breathing is difficult have qualified personnel administer oxygen. Get immediate medical attention.

Skin contact: Immediately wash with large amounts of water for at least 15 minutes. Get immediate medical attention. Remove contaminated clothing and wash it before reuse.

Eye contact: Immediately flush eye with water for at least 15 minutes while lifting the upper and lower lids. Remove contact lenses if present and easy to do after the first 5 minutes then continue flushing. Get immediate medical attention.

Ingestion: If conscious, rinse mouth with water then give milk, chewable calcium carbonate tablets or milk of magnesia. Do not induce vomiting. Never give anything by mouth to a person who is unconscious or convulsing. Get immediate medical attention.

Most important symptoms/effects, acute and delayed: Causes severe burns to the eye, skin and mucous membranes. Burns may not be immediately painful or visible. Can be absorbed through the skin in toxic amounts. Inhalation may cause respiratory irritation or burns with coughing or labored breathing. Symptoms may be delayed. May be fatal if inhaled or swallowed or by widespread skin contact. Prolonged or repeated exposure may cause mottling of teeth, damage to bones and fluorosis with symptoms including brittle bones, weight loss, anemia, calcified ligaments and joint stiffness.

Indication of immediate medical attention and special treatment, if necessary: Medical treatment is recommended for all incidents of contact or exposure.

Notes to Physician: Contact your Poison Center for the latest advice on treatment. For eye contact: Carefully evaluate for eye damage, exposure to dilute solutions may result in delayed symptoms of ocular damage. For skin contact: Decontamination of the contact area is of primary importance. Symptoms may be delayed for several hours. Specific treatment is controversial with no single treatment clearly superior. Topical calcium gluconate gel or magnesium oxide paste has been successful. Calcium gluconate infiltration may be considered in some cases. Systemic absorption may occur and may require treatment with parenteral calcium salts. For ingestion: Administer fluoride binding substance. Monitor and treat hypocalcemia and hypomagnesemia as needed. Observe and evaluate patient for oral and GI burns. For inhalation: Monitor for respiratory distress. Respiratory symptoms may be delayed up to 24 hours.

Section 5. Fire-Fighting Measures

Suitable (and unsuitable) extinguishing media: This material is not combustible. Use any media that is suitable for the surrounding fire.

Specific hazards arising from the chemical: Contact with certain metals may evolve flammable hydrogen gas. Emits toxic fumes under fire conditions.

C34B

Special protective equipment and precautions for fire-fighters: Firefighters should wear full emergency equipment and NIOSH approved positive pressure self-contained breathing apparatus. Cool fire exposure containers with water.

Section 6. Accidental Release Measures

Personal precautions, protective equipment, and emergency procedures: Wear appropriate protective clothing and equipment to prevent eye and skin contact. Ventilate the area. Evacuate spill area. Only trained individuals should attempt to clean up spills.

Environmental precautions: Avoid release to the environment. Report spill as required by local and federal regulations.

Methods and materials for containment and cleaning up: Dike spill and prevent spill from entering sewers and waterways. If possible, carefully neutralize with soda ash or lime. Collect into appropriate containers for disposal with an inert absorbent. Wash spill area with solution of soda ash. Do not use metal or glass containers.

Section 7. Handling and Storage

Precautions for safe handling: Prevent eye and skin contact. Do not breathe vapors or mists. Use only with adequate ventilation and appropriate protective clothing. Immediately remove contaminated clothing and other items. Wash thoroughly after handling. Empty containers retain product residues. Follow all SDS precautions in handling empty containers.

Conditions for safe storage, including any incompatibilities: Protect containers from physical damage. Store in a cool, well-ventilated area. Keep in original containers.

Section 8. Exposure Controls / Personal Protection

Exposure guidelines:

Hydrofluoric Acid (as hydrogen fluoride)	3 ppm TWA OSHA PEL 0.5 ppm TWA, 2 ppm Ceiling skin ACGIH TLV
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Appropriate engineering controls: Use in a well-ventilated area. For operations where exposures limits are exceeded increased mechanical ventilation such as local exhaust may be required.

Personal Protective Equipment:

Respiratory protection: None required for normal use. For large jobs where the recommended exposure limit may be exceeded an approved respirator may be required. Selection of respiratory protection depends on the contaminant type, form and concentration. Select in accordance with OSHA 1910.134 and good Industrial Hygiene practice.

Skin protection: PVC, neoprene or other impervious gloves are recommended to prevent skin contact.

Eye protection: Wear chemical safety goggles and faceshield to prevent eye and face contact.

Other: Impervious apron, boots and other clothing are recommended if needed to prevent contact or if splashing is possible. A safety shower and an eye wash facility should be available in the immediate work area.

Section 9. Physical and Chemical Properties

Appearance (physical state, color, etc.): Colorless liquid

Odor: Sharp acid odor.

C3AC

Odor threshold: 0.5-3 ppm (hydrogen fluoride)	pH: <1
Melting point/freezing point: Not available	Initial boiling point and boiling range: 100°C / 212°F
Flash point: Not flammable	Evaporation rate: Not available
Flammability (solid, gas): Not applicable	
Flammable limits: LEL: Not applicable	UEL: Not applicable
Vapor pressure: Not available	Vapor density: Not available
Relative density: ~1.0	Solubility(ies): Complete in water
Partition coefficient: n-octanol/water: Not available	Auto-ignition temperature: Not applicable
Decomposition temperature: Not available	VOC: 0 g/L

Section 10. Stability and Reactivity

Reactivity: Not reactive under normal conditions of use.

Chemical stability: Stable

Possibility of hazardous reactions: Reacts with metals to generate flammable hydrogen gas. Reacts with bases generating heat.

Conditions to avoid: Avoid excessive heat.

Incompatible materials: Avoid alkalis and metals. Reactive with many other chemicals. Never mix with other chemicals or cleaning agents.

Hazardous decomposition products: Thermal decomposition may yield toxic fluoride fumes. Reacts with metals to generate flammable hydrogen gas. Reacts with silica to produce silicon tetrafluoride, a hazardous, colorless gas.

Section 11. Toxicological Information

Acute effects of exposure: Hydrofluoric is hazardous, even at low concentration. Medical treatment is recommended for all incidents of contact or exposure.

Inhalation: Mist and vapors may cause respiratory irritation or burns with coughing and labored breathing. May cause fluoride poisoning with effects similar to those listed under "ingestion". Symptoms may be delayed. May be fatal if inhaled in large amounts

Skin Contact: Contact may cause severe irritation or burns to the skin. Burns may not be immediately painful or visible. May be absorbed through the skin resulting in potentially fatal hypocalcemia.

Eye Contact: Contact may cause severe irritation or burns with redness, pain and swelling. Permanent damage and blindness may occur.

Ingestion: Swallowing may cause gastrointestinal irritation or burns, nausea, vomiting and abdominal pain. May cause fluoride poisoning with symptoms including weakness, tremors, shallow breathing, spasms of the hands and feet, convulsions and coma. May cause central nervous system, kidney and cardiovascular (heart rhythm) effects. Respiratory paralysis may cause death. Swallowing large amounts may cause potentially fatal hypocalcemia and hypomagnesia.

Chronic Effects: Prolonged or repeated exposure may cause mottling of teeth, damage to bones and fluorosis with symptoms including brittle bones, weight loss, anemia, calcified ligaments and joint stiffness.

Sensitization: None of the components are sensitizing to animals or humans.

Germ Cell Mutagenicity: None of the components have been shown to cause germ cell mutagenicity.

Reproductive Toxicity: None of the components have been shown to cause reproductive or developmental toxicity.

Carcinogenicity: None of the components of this product are listed as carcinogens or suspected carcinogens by IARC, NTP, ACGIH or OSHA.

Acute toxicity values: Acute Toxicity Estimates (ATE) calculated: Oral 1351 mg/kg, Dermal 217 mg/kg, Inhalation 27,777 ppm as gas or 22.8 mg/L as vapor.

Hydrofluoric Acid: Oral rat LD50: 31 mg/kg (read across from sodium fluoride), LC50 inhalation 1276 ppm/1 hr. LD50 dermal no data available – point estimate for category 1 is 5 mg/kg.

Denatonium Benzoate: Oral rat LD50 584 mg/kg

SDS Revision History: Convert to US GHS – changes in all sections.

Date of preparation: July 20, 2014

Date of Previous Edition: April 3, 2012

Disclaimer

The information provided on this SDS is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.

CB4F



Safety Data Sheet

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Issue Date:	03/19/14	Supersedes Date:	02/11/14

SECTION 1: Identification

1.1. Product identifier

Scotchgard™ Bonnet Cleaner Concentrate (Product No. 11, Twist 'n Fill™ System)

Product Identification Numbers

ID Number	UPC	ID Number	UPC
70-0712-8511-1	00-48011-25981-4	70-0712-8512-9	00-48011-25982-1
70-0716-8305-9	00-48011-25981-4	70-0716-8306-7	00-48011-25982-1

1.2. Recommended use and restrictions on use

Recommended use

Carpet Care, Carpet Cleaner

1.3. Supplier's details

MANUFACTURER: 3M
DIVISION: Commercial Solutions Division

ADDRESS: 3M Center, St. Paul, MN 55144-1000, USA
Telephone: 1-888-3M HELPS (1-888-364-3577)

1.4. Emergency telephone number

1-800-364-3577 or (651) 737-6501 (24 hours)

SECTION 2: Hazard identification

2.1. Hazard classification

Skin Sensitizer: Category 1.

2.2. Label elements

Signal word

Warning

Symbols

Exclamation mark |

Pictograms



Hazard Statements

May cause an allergic skin reaction.

Precautionary Statements

Prevention:

Avoid breathing dust/fume/gas/mist/vapors/spray.
 Wear protective gloves.
 Contaminated work clothing must not be allowed out of the workplace.

Response:

IF ON SKIN: Wash with plenty of soap and water.
 If skin irritation or rash occurs: Get medical advice/attention.
 Wash contaminated clothing before reuse.

Disposal:

Dispose of contents/container in accordance with applicable local/regional/national/international regulations.

Notes to Physician:

Not applicable

2.3. Hazards not otherwise classified

None.

1% of the mixture consists of ingredients of unknown acute oral toxicity.

SECTION 3: Composition/information on ingredients

Ingredient	C.A.S. No.	% by Wt
WATER	7732-18-5	80 - 100 Trade Secret *
1-PROPOXY-2-PROPANOL	1569-01-3	3 - 7 Trade Secret *
Polymer (NJTSRN 04499600-6944)	Trade Secret*	1 - 5 Trade Secret *
Benzenesulfonic acid, dodecyl-, branched, sodium salt	69227-09-4	0.5 - 1.5 Trade Secret *
SODIUM MONO-C10-16-ALKYL SULFATES	68585-47-7	0.5 - 1.5 Trade Secret *
D-LIMONENE	5989-27-5	< 0.5 Trade Secret *

NJTS or NJTSRN: New Jersey Trade Secret Registry Number.

*The specific chemical identity and/or exact percentage (concentration) of this composition has been withheld as a trade secret.

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation:

Remove person to fresh air. If you feel unwell, get medical attention.

Skin Contact:

Immediately wash with soap and water. Remove contaminated clothing and wash before reuse. If signs/symptoms develop, get medical attention.

Eye Contact:

Flush with large amounts of water. Remove contact lenses if easy to do. Continue rinsing. If signs/symptoms persist, get medical attention.

C35B

If Swallowed:

Rinse mouth. If you feel unwell, get medical attention.

4.2. Most important symptoms and effects, both acute and delayed

See Section 11.1. Information on toxicological effects.

4.3. Indication of any immediate medical attention and special treatment required

Not applicable

SECTION 5: Fire-fighting measures

5.1. Suitable extinguishing media

In case of fire: Use a fire fighting agent suitable for ordinary combustible material such as water or foam to extinguish.

5.2. Special hazards arising from the substance or mixture

None inherent in this product.

Hazardous Decomposition or By-Products

Substance

Carbon monoxide

Carbon dioxide

Oxides of Sulfur

Condition

During Combustion

During Combustion

During Combustion

5.3. Special protective actions for fire-fighters

No unusual fire or explosion hazards are anticipated.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Ventilate the area with fresh air. For large spill, or spills in confined spaces, provide mechanical ventilation to disperse or exhaust vapors, in accordance with good industrial hygiene practice. Warning! A motor could be an ignition source and could cause flammable gases or vapors in the spill area to burn or explode. Refer to other sections of this SDS for information regarding physical and health hazards, respiratory protection, ventilation, and personal protective equipment.

6.2. Environmental precautions

Avoid release to the environment.

6.3. Methods and material for containment and cleaning up

Contain spill. Working from around the edges of the spill inward, cover with bentonite, vermiculite, or commercially available inorganic absorbent material. Mix in sufficient absorbent until it appears dry. Remember, adding an absorbent material does not remove a physical, health, or environmental hazard. Collect as much of the spilled material as possible. Place in a closed container approved for transportation by appropriate authorities. Clean up residue with water. Seal the container. Dispose of collected material as soon as possible.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

For industrial or professional use only. This product is not intended to be used without prior dilution as specified on the product label. Grounding or safety shoes with electrostatic dissipating soles (ESD) are not required with a chemical dispensing system. Avoid breathing dust/fume/gas/mist/vapors/spray. Do not get in eyes, on skin, or on clothing. Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reuse. Avoid contact with oxidizing agents (eg. chlorine, chromic acid etc.)

C35L

7.2. Conditions for safe storage including any incompatibilities

Store away from oxidizing agents.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Occupational exposure limits

No occupational exposure limit values exist for any of the components listed in Section 3 of this SDS.

8.2. Exposure controls

8.2.1. Engineering controls

NOTE: When used with a chemical dispensing system as directed, special ventilation is not required.

If product is not used with a chemical dispensing system or if there is an accidental release:

Use general dilution ventilation and/or local exhaust ventilation to control airborne exposures to below relevant Exposure Limits and/or control dust/fume/gas/mist/vapors/spray. If ventilation is not adequate, use respiratory protection equipment.

8.2.2. Personal protective equipment (PPE)

Eye/face protection

NOTE: When used with a chemical dispensing system as directed, eye contact with the concentrate is not expected to occur.

If the product is not used with a chemical dispensing system or if there is an accidental release, wear protective eye/face protection. Select and use eye/face protection to prevent contact based on the results of an exposure assessment. The following eye/face protection(s) are recommended:

Safety Glasses with side shields

Skin/hand protection

NOTE: When used with a chemical dispensing system as directed, skin contact with the concentrate is not expected to occur.

If product is not used with a chemical dispensing system or if there is an accidental release:

Select and use gloves and/or protective clothing approved to relevant local standards to prevent skin contact based on the results of an exposure assessment. Selection should be based on use factors such as exposure levels, concentration of the substance or mixture, frequency and duration, physical challenges such as temperature extremes, and other use conditions. Consult with your glove and/or protective clothing manufacturer for selection of appropriate compatible gloves/protective clothing.

Gloves made from the following material(s) are recommended:

Fluoroelastomer
Nitrile Rubber
Polyvinyl Alcohol (PVA)
Polymer laminate

If this product is used in a manner that presents a higher potential for exposure (eg. spraying, high splash potential etc.), then use of protective coveralls may be necessary. Select and use body protection to prevent contact based on the results of an exposure assessment. The following protective clothing material(s) are recommended: Apron - polymer laminate

Respiratory protection

NOTE: When used with a chemical dispensing system as directed, respiratory protection is not required.

If product is not used with a chemical dispensing system or if there is an accidental release:

An exposure assessment may be needed to decide if a respirator is required. If a respirator is needed, use respirators as part of a full respiratory protection program. Based on the results of the exposure assessment, select from the following respirator type(s) to reduce inhalation exposure:

Half facepiece or full facepiece air-purifying respirator suitable for organic vapors

For questions about suitability for a specific application, consult with your respirator manufacturer.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

General Physical Form:	Liquid
Specific Physical Form:	Liquid
Odor, Color, Grade:	Clear slightly yellow. Pleasant fragrance.
Odor threshold	<i>No Data Available</i>
pH	7.7 - 9.7
Melting point	<i>Not Applicable</i>
Boiling Point	Approximately 212 °F
Flash Point	Approximately > 200 °F [<i>Test Method:</i> Closed Cup]
Evaporation rate	Approximately 1 [<i>Ref Std:</i> WATER=1]
Flammability (solid, gas)	Not Applicable
Flammable Limits(LEL)	<i>No Data Available</i>
Flammable Limits(UEL)	<i>No Data Available</i>
Vapor Pressure	<=27 psia [@ 131 °F]
Vapor Density	<i>No Data Available</i>
Density	1.01 g/cm3 [<i>Ref Std:</i> WATER=1]
Specific Gravity	Approximately 1.01 [@ 72 °F] [<i>Ref Std:</i> WATER=1]
Solubility In Water	<i>No Data Available</i>
Solubility- non-water	<i>No Data Available</i>
Partition coefficient: n-octanol/ water	<i>No Data Available</i>
Autoignition temperature	<i>No Data Available</i>
Decomposition temperature	<i>No Data Available</i>
Viscosity	14.2 - 15.6 sec [@ 72 °C]
Average particle size	<i>Not Applicable</i>
Hazardous Air Pollutants	<i>No Data Available</i>
Volatile Organic Compounds	3 - 7 % [<i>Test Method:</i> calculated per CARB title 2]
Percent volatile	<i>No Data Available</i>
VOC Less H2O & Exempt Solvents	< 900 g/l [<i>Test Method:</i> calculated per CARB title 2]

SECTION 10: Stability and reactivity

10.1. Reactivity

This material may be reactive with certain agents under certain conditions - see the remaining headings in this section.

10.2. Chemical stability

Stable.

10.3. Possibility of hazardous reactions

Hazardous polymerization will not occur.

10.4. Conditions to avoid

Not determined

10.5. Incompatible materials

Strong oxidizing agents

10.6. Hazardous decomposition products

Substance

None known.

Condition

Refer to section 5.2 for hazardous decomposition products during combustion.

SECTION 11: Toxicological information

The information below may not be consistent with the material classification in Section 2 if specific ingredient classifications are mandated by a competent authority. In addition, toxicological data on ingredients may not be reflected in the material classification and/or the signs and symptoms of exposure, because an ingredient may be present below the threshold for labeling, an ingredient may not be available for exposure, or the data may not be relevant to the material as a whole.

11.1. Information on Toxicological effects

Signs and Symptoms of Exposure

Based on test data and/or information on the components, this material may produce the following health effects:

Inhalation:

Respiratory Tract Irritation: Signs/symptoms may include cough, sneezing, nasal discharge, headache, hoarseness, and nose and throat pain.

Skin Contact:

Contact with the skin during product use is not expected to result in significant irritation. Allergic Skin Reaction (non-photo induced): Signs/symptoms may include redness, swelling, blistering, and itching.

Eye Contact:

Contact with the eyes during product use is not expected to result in significant irritation.

Ingestion:

No health effects are expected.

Toxicological Data

If a component is disclosed in section 3 but does not appear in a table below, either no data are available for that endpoint or the data are not sufficient for classification.

Acute Toxicity

Name	Route	Species	Value
Overall product	Ingestion		No data available; calculated ATE > 5,000 mg/kg
1-PROPOXY-2-PROPANOL	Dermal	Rabbit	LD50 2,805 mg/kg
1-PROPOXY-2-PROPANOL	Inhalation-Dust/Mist (4 hours)	Rat	LC50 > 11.8 mg/l
1-PROPOXY-2-PROPANOL	Ingestion	Rat	LD50 2,500 mg/kg
Polymer (NJTSRN 04499600-6944)	Ingestion		LD50 estimated to be 2,000 - 5,000 mg/kg
SODIUM MONO-C10-16-ALKYL SULFATES	Ingestion	Rat	LD50 > 2,000 mg/kg
D-LIMONENE	Dermal	Rabbit	LD50 > 5,000 mg/kg
D-LIMONENE	Ingestion	Rat	LD50 4,400 mg/kg

ATE = acute toxicity estimate

Skin Corrosion/Irritation

Name	Species	Value
1-PROPOXY-2-PROPANOL	Rabbit	Minimal irritation
D-LIMONENE	Rabbit	Mild irritant

Serious Eye Damage/Irritation

Name	Species	Value
1-PROPOXY-2-PROPANOL	Rabbit	Severe irritant
D-LIMONENE	Rabbit	Mild irritant

C35F

Skin Sensitization

Name	Species	Value
D-LIMONENE	Mouse	Sensitizing

Respiratory Sensitization

Name	Species	Value

Germ Cell Mutagenicity

Name	Route	Value
1-PROPOXY-2-PROPANOL	In Vitro	Not mutagenic
D-LIMONENE	In Vitro	Not mutagenic
D-LIMONENE	In vivo	Not mutagenic

Carcinogenicity

Name	Route	Species	Value
D-LIMONENE	Ingestion	Rat	Some positive data exist, but the data are not sufficient for classification

Reproductive Toxicity

Reproductive and/or Developmental Effects

Name	Route	Value	Species	Test Result	Exposure Duration
1-PROPOXY-2-PROPANOL	Inhalation	Some positive developmental data exist, but the data are not sufficient for classification	Rat	NOAEL 3.6 mg/l	during organogenesis
D-LIMONENE	Ingestion	Not toxic to male reproduction	Rat	NOAEL 150 mg/kg/day	103 weeks
D-LIMONENE	Ingestion	Some positive female reproductive data exist, but the data are not sufficient for classification	Rat	NOAEL 750 mg/kg/day	prematuring & during gestation
D-LIMONENE	Ingestion	Some positive developmental data exist, but the data are not sufficient for classification	Multiple animal species	NOAEL 591 mg/kg/day	during organogenesis

Target Organ(s)

Specific Target Organ Toxicity - single exposure

Name	Route	Target Organ(s)	Value	Species	Test Result	Exposure Duration
1-PROPOXY-2-PROPANOL	Inhalation	central nervous system depression	May cause drowsiness or dizziness	Multiple animal species	LOAEL 10.8 mg/l	6 hours
1-PROPOXY-2-PROPANOL	Inhalation	respiratory irritation	Some positive data exist, but the data are not sufficient for classification		NOAEL Not available	
1-PROPOXY-2-PROPANOL	Ingestion	central nervous system depression	May cause drowsiness or dizziness	Rat	LOAEL 1.770 mg/kg	not applicable
D-LIMONENE	Ingestion	nervous system	Some positive data exist, but the data are not sufficient for classification		NOAEL Not available	

Specific Target Organ Toxicity - repeated exposure

Name	Route	Target Organ(s)	Value	Species	Test Result	Exposure Duration
1-PROPOXY-2-PROPANOL	Inhalation	liver kidney and/or bladder	Some positive data exist, but the data are not sufficient for classification	Rat	NOAEL 9.5 mg/l	11 days
D-LIMONENE	Ingestion	kidney and/or bladder	Some positive data exist, but the data are not sufficient for classification	Rat	LOAEL 75 mg/kg/day	103 weeks
D-LIMONENE	Ingestion	liver	Some positive data exist, but the data are not sufficient for classification	Mouse	NOAEL 1.000	103 weeks

			classification		mg/kg/day	
D-LIMONENE	Ingestion	heart endocrine system bone, teeth, nails, and/or hair hematopoietic system immune system muscles nervous system respiratory system	All data are negative	Rat	NOAEL 600 mg/kg/day	103 weeks

Aspiration Hazard

Name	Value
D-LIMONENE	Aspiration hazard

Please contact the address or phone number listed on the first page of the SDS for additional toxicological information on this material and/or its components.

SECTION 12: Ecological information

Ecotoxicological information

A 3M Product Environmental Data Sheet (PED) is available.

Chemical fate information

A 3M Product Environmental Data Sheet (PED) is available.

SECTION 13: Disposal considerations

13.1. Disposal methods

Dispose of contents/ container in accordance with the local/regional/national/international regulations. Dispose of waste product in a permitted industrial waste facility. Empty drums/barrels/containers used for transporting and handling hazardous chemicals (chemical substances/mixtures/preparations classified as Hazardous as per applicable regulations) shall be considered, stored, treated & disposed of as hazardous wastes unless otherwise defined by applicable waste regulations. Consult with the respective regulating authorities to determine the available treatment and disposal facilities.

EPA Hazardous Waste Number (RCRA): Not regulated

SECTION 14: Transport Information

For Transport Information, please visit <http://3M.com/Transportinfo> or call 1-800-364-3577 or 651-737-6501.

SECTION 15: Regulatory information

15.1. US Federal Regulations

311/312 Hazard Categories:

Fire Hazard - No Pressure Hazard - No Reactivity Hazard - No Immediate Hazard - Yes Delayed Hazard - No

15.2. State Regulations

15.3. Chemical Inventories

The components of this product are in compliance with the new substance notification requirements of CEPA.

The components of this material are in compliance with the China "Measures on Environmental Management of New Chemical Substance". Certain restrictions may apply. Contact the selling division for additional information.

C35H

The components of this material are in compliance with the provisions of the Korean Toxic Chemical Control Law. Certain restrictions may apply. Contact the selling division for additional information.

The components of this product are in compliance with the chemical notification requirements of TSCA.

This product complies with the New Zealand Hazardous Substances and New Organisms Act (1996).

15.4. International Regulations

This SDS has been prepared to meet the U.S. OSHA Hazard Communication Standard, 29 CFR 1910.1200.

SECTION 16: Other information

NFPA Hazard Classification

Health: 2 Flammability: 1 Instability: 0 Special Hazards: None

National Fire Protection Association (NFPA) hazard ratings are designed for use by emergency response personnel to address the hazards that are presented by short-term, acute exposure to a material under conditions of fire, spill, or similar emergencies. Hazard ratings are primarily based on the inherent physical and toxic properties of the material but also include the toxic properties of combustion or decomposition products that are known to be generated in significant quantities.

HMIS Hazard Classification

Health: 2 Flammability: 1 Physical Hazard: 0 Personal Protection: X - See PPE section.

Hazardous Material Identification System (HMIS® III) hazard ratings are designed to inform employees of chemical hazards in the workplace. These ratings are based on the inherent properties of the material under expected conditions of normal use and are not intended for use in emergency situations. HMIS® III ratings are to be used with a fully implemented HMIS® III program. HMIS® is a registered mark of the American Coatings Association (ACA).

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3M USA SDSs are available at www.3M.com



Product Name: Stain 1
Revision Date: 2/29/2016

SAFETY DATA SHEET

SECTION 1 MATERIAL AND MANUFACTURER IDENTIFICATION

PRODUCT

Product Identifier: Stain 1
Intended Product Use: Stain Remover
Manufacturer Identification Code: 1104

MANUFACTURER

Chemical Technologies International Inc.
P.O. Box 968
Rancho Cordova, CA 95741 USA
Phone: (916) 638-1315 Fax: (916) 638-0712
24 hours Emergency Assistance Calls (USA): CHEMTREC (800) 424-9300
Please reference name and manufacturers identification number

SECTION 2 HAZARD(S) IDENTIFICATION

GHS CLASSIFICATION

- Oxidizing liquids (Category 3)
- Acute toxicity, Oral (Category 4)
- Skin irritation (Category 2)
- Skin sensitization (Category 1)
- Eye irritation (Category 2B)
- Acute toxicity, Inhalation (Category 5)

Routes of Exposure: Eye contact, skin contact, inhalation, and ingestion.

Inhalation: Inhalation of mist or vapor may cause severe irritation of the respiratory tract that usually subsides after exposure ceases.

Eye Contact: Vapors may irritate eyes. Direct or prolonged contact with eyes will be painful and irritating may also cause possible permanent damage. Seek immediate medical attention for prolonged irritation.

Skin Contact: Repeated exposure may cause skin irritation, drying, chapping.

Ingestion: If swallowed will cause irritation/corrosion of the gastrointestinal tract. Seek immediate medical attention.

Carcinogenic Potential: Not established

Acute Effects: This product is considered to be a potential irritant. This product should not be used for any other purpose than the intended use in section 1.

Chronic Effects: Not established.



Health hazard	2
Flammability hazard	1
Reactivity hazard	1
Other hazard	OX

Signal word: **Warning**

- Hazard statement(s):
- H272: May cause fire or explosion; strong oxidizer.
 - H302: Harmful if swallowed;
 - H315: Causes skin irritation.
 - H317: May cause an allergic skin reaction.
 - H320: Causes eye irritation.
 - H333: May be harmful if inhaled

1
C36A



Product Name: Stain 1

SECTION 3	COMPOSITION/INFORMATION ON INGREDIENTS
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COMPONENT	CAS #	CONCENTRATIONS
1. Hydrogen Peroxide	7722-84-1	20-40%
2. Acrylate Copolymer	Not Established	1-10%
3. 2-Butoxyethanol	111-76-2	1-10%

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SECTION 4	FIRST-AID MEASURES
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Inhalation: Remove from further exposure to fresh air. If respiratory irritation, dizziness, or nausea occurs seek immediate medical attention.

Eye Contact: Flush eyes with a directed stream of water for 15 minutes, forcibly holding eyelids apart to ensure complete irrigation of all eye and lid tissue. Washing eyes immediately after exposure is essential to achieve maximum effectiveness and minimize potential irritation. If irritation persists, seek immediate medical attention.

Skin Contact: Wash contact areas with soap and water. Launder exposed clothing before reuse.

Ingestion: If swallowed, do not induce vomiting. Seek immediate medical attention.

SECTION 5	FIRE-FIGHTING MEASURES
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FLAMMABILITY PROPERTIES

Flashpoint: Non-flammable nor combustible

Flammable Limits: Not Available

Auto ignition Temperature: Not Available

FIREFIGHTING PROCEDURES

General Hazard: During a fire smoke may contain the original material in addition to toxic and or irritating compounds. Avoid heat sparks or open flame. Oxidizer property of this mixture will increase the burning rate of combustible materials and may intensify the fire.

Firefighting Instructions: Evacuate all unnecessary personnel. Use water, foam, dry chemical or CO₂.

Firefighting Equipment: Firefighters should wear NIOSH/MSHA approved self-contained, positive pressure breathing apparatus and full protective clothing.

Hazardous Combustion Products: During fire, smoke may contain the original material in addition to toxic and/or irritating compounds such as but not limited to: Carbon oxides, sodium oxides, silicon oxides

Unusual Fire and Explosion Hazards: Not established

CB6B



Product Name: Stain 1

SECTION 6 ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS

Persons performing the cleanup should wear personal protective equipment sufficient to keep material away from skin. Avoid direct contact with material. See section 4 for First-Aid Advice. See section 5 for Firefighting Advice.

PROTECTIVE MEASURES

To minimize exposure to all chemicals, including this product, use good industrial hygiene and common sense. Use only in well ventilated area. If necessary, use exhaust ventilation to insure adequate ventilation. Insure that water is readily available and that you are prepared to properly wash out your eyes should the need arise. (See section 4 for more advice). Wear NIOSH/MSHA approved organic respirator when ventilation is not adequate or when the sufficiency of ventilation to maintain concentrations below exposure limits is in question. Wear chemical safety goggles to protect against splashes or contact with eyes. See OSHA 29 CFR 1910.33

CLEAN-UP PROCEDURES

Small Spills: Wipe up or mop to dispose of spill in DOT approved waste container.

Large Spills: Contain by diking with soil or other non-combustible absorbent material, and dispose into DOT approved waste container. If possible complete clean up on a dry basis. Comply with all applicable governmental regulations on spill reporting, handling and disposal of waste. Contain all spills or leaks to prevent discharge into the environment. Responsibility of all spills or releases reported to the appropriate local, state and federal agencies falls upon the user.

SECTION 7 HANDLING AND STORAGE

HANDLING

This product is professional strength product to be used by professionals only. Avoid breathing vapors/mist of this product. Always keep container tightly closed and properly labels. Avoid contact with skin, eyes or clothing. Wash thoroughly after handling. Impervious boots/shoes covering should be used if material is anticipated to contact feet. As with all chemicals, practice good industrial hygiene when handling this product. Always work in a well-ventilated area and avoid inhalation of product vapor or mist. Do not ingest.

The manufacturer and seller warrant that this product conforms to its standard specifications when used according to directions. As the conditions of method of its use are beyond our control, we do not assume any responsibility and expressly disclaim any liability for use of this product. Information contained herein is believed to be true but all statements and suggestions are made without any warranty, expressed or implied, regarding accuracy of the information. The hazards connected with the use of this material and the results to be obtained from the use thereof.

STORAGE

Avoid excessive heat. Avoid storage with oxidizing or reducing agents and/or acids. Employees should be trained to handle this product safely. Store the product in a cool dry area away from ignition sources. Loosen closures cautiously. Avoid storage with combustible organic materials.

Storage temperature: Store in cool dry place

Storage pressure: Atmospheric

C360



Product Name: Stain 1

SECTION 8 EXPOSURE / PERSONAL PROTECTION

EXPOSURE LIMITS

Exposure limits have not been established for this mixture. Avoid, as far as reasonably practicable, inhalation of vapor, mists or fumes generated. Limits for components are listed below:

COMPONENT #	OSHA PEL TWA STEL	ACGIH TLV TWA STEL	NIOSH TWA STEL
1. Hydrogen Peroxide	1 ppm	1 ppm	1 ppm
2. Acrylate Copolymer	Not Established	Not Established	Not Established
3. 2-Butoxyethanol	50ppm	20ppm	5ppm, 240mg/m ³

ENGINEERING CONTROLS

The level of protection and types of control will vary depending upon potential exposure conditions. If user operations generate dust, fume or mist, use adequate ventilation to keep exposure below exposure limit.

PERSONAL PROTECTION

Ventilation and engineering controls: Use only in well ventilated area. If necessary, use exhaust ventilation to insure adequate ventilation. Insure that water is readily available and that you are prepared to properly wash out your eyes should the need arise. (Refer to section 4).

Respiratory: Wear NIOSH/MSHA approved respirator when ventilation is not adequate. A NIOSH /MSHA –approved air purifying respirator with an organic vapor cartridge or canister may be advisable under certain circumstances where airborne concentrations are expected to exceed exposure limits. Protection provided by air purifying respirators is limited. Use a positive pressure, air supplied respirator if there is any potential for uncontrolled release, exposure levels are unknown, or any other circumstances where air-purifying respirators may not provide adequate protection.

Eye Protection: Wear safety goggles to protect against eye contact. See OSHA 29 CFR 1910.33

Skin: Wear chemical impervious gloves. Wear protective clothing to minimize skin contact. Wash skin after use. Wash contaminated clothing and dry before reuse.

Other: One should always use chemicals with an awareness of the potential hazard of the effect on the human system. To minimize employee exposure to all chemicals, including this product, use good industrial hygiene practices.

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

Physical State and Appearance: Liquid

Odor: Light Odor

Vapor density: Not Available.

Freezing point: Not Available.

Solubility in water: Soluble

Flammability: Not Flammable

Viscosity: Not Available.

Flash point: Non-Flammable, Noncombustible

Evaporation rate: Not Available.

Vapor pressure: Not Available.

Color: Clear

pH: 6.5

Boiling point: Not Available.

Melting point: Not Available.

Density: Not Available.

Evaporation rate: Not Available.

Vapor density: Not Available.

Relative density: Not Available.

Flammability (solid, gas): Not Applicable.

Vapor density: Not Available.

SECTION 10 STABILITY AND REACTIVITY

Chemical Stability: Unstable under ambient temperature and atmospheric pressure.

Conditions to avoid: Keep away from heat or excessive pressure. Keep away from heat or excessive pressure. Do not contaminate.

Incompatibility with other materials: Heavy metals, combustible organic materials, reducing agents.

CB6



Product Name: Stain 1

Hazardous decomposition products: Decomposition products depend upon temperature, air supply and the presence of other materials. Decomposition products can include and are not limited to: Sulfur oxides.

Hazardous polymerization: Major components of this mixture show no hazardous polymerization.

Conditions to Avoid: Oxygen, which supports combustion.

SECTION 11	TOXICOLOGICAL INFORMATION
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Toxicological information has not been established on this mixture. Toxicological information on components within this mixture is given by:

COMPONENT #	TOXICITY
1. Hydrogen Peroxide	Not Established
2. Acrylate Copolymer	Not determined. Similar products tested for LD ₅₀ limit value are greater than 10,000 mg / KG.
3. 2-Butoxyethanol	LD ₅₀ Oral - mouse - 470 mg/kg, rat 1230mg/kg LD ₅₀ Dermal - rabbit - 220 mg/kg

SECTION 12	ECOLOGICAL INFORMATION
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Ecological information has not been established for this product. Ecological information on components within this mixture is given by:

COMPONENT #	TOXICITY
1. Hydrogen Peroxide	Not Established
2. Acrylate Copolymer	Not Established
3. 2-Butoxyethanol	Not Established

SECTION 13	DISPOSAL CONSIDERATIONS
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Dispose of all waste, empty bottles and contaminated equipment in accordance with all applicable federal, state and local health and environmental regulations.

Do not dump into storm drains or any body of water. All disposal methods must be in compliance with all federal, State/ Province and local laws and regulations. Regulations may vary in different locations.

Waste characterizations and compliance with applicable laws are the responsibility solely of the waste generator. The vendor has no control over the management practices or the processes by which the party who handles or uses this material. The information presented here pertains only to the product as shipped in its intended condition and recommended usage.

SECTION 14	TRANSPORT INFORMATION
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DOT (US):

These shipments are ORM-D and exempt from Bill of Lading requirements when sent via ground under 1 Liter when packaged for retail sale per 49 CFR 173.152. If product exceeds 1 Liter then will comply with the following:

C36E



Product Name: Stain 1

UN Number: 3139
Proper Shipping Name: Oxidizing Liquid n.o.s. (Contains Hydrogen Peroxide)
Hazard Class: 5.1
Labels: Oxidizer
Packaging Group: III

IMDG:

Basic Description: UN3139, Oxidizing Liquid n.o.s. (Contains Hydrogen Peroxide), 5.1, III, LTD QTY
Marine Pollutant: No

*Shipping Instructions as shipped are: ORMD/LTD QTY Exemptions Used 173.152 LTD QTY & ORM-D
Consult 49 CFR to assure compliance with all applicable federal, state/provincial and local laws and regulations that may apply to you.

SECTION 15	REGULATORY INFORMATION
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US Federal Regulations:
OSHA standards require that information be provided to employees regarding the hazards of chemicals by means of a hazard communication program including labeling, safety data sheet (SDS) sheets, training and access to written records. We request that you, as per your legal duty to, make all information in this SDS available to your employees and those who handle or consume the product. To aid our customers in complying with regulatory requirements regulatory information for components of this product are indicated below

This *mixture* has *no established regulatory information* all regulatory information given is based on individual components of the mixture by component number

COMPONENT #	HAZARD
1. Hydrogen Peroxide	OSHA Hazards: Oxidizer, Target Organ Effect, Toxic by ingestion, Corrosive, Carcinogen SARA 302 Components: Hydrogen peroxide; CAS-No.7722-84-1 SARA 311/312 Hazards: Reactivity Hazard, Acute & Chronic Health Hazard MA, PA & NJ Right To Know Components: Hydrogen peroxide; CAS.7722-84-1
2. Acrylate Copolymer	Not Established
3. 2-Butoxyethanol	OSHA Hazards: Combustible Liquid, Target Organ Effect, Harmful by ingestion., Harmful by skin absorption., Irritant, Carcinogen SARA 313 Components: :2-Butoxyethanol CAS-No.111-76-2 SARA 311/312 Hazards: Fire Hazard, Acute Health Hazard, Chronic Health Hazard

SECTION 16	OTHER INFORMATION
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While the information is believed to be accurate, CTI makes no representations as to its accuracy or sufficiency. This SDS summarizes to our best knowledge at the date of issue, the chemical health and safety hazards of the material and general guidance on how to safely handle the material in the workplace. All information appearing herein is based upon data obtained from the manufacturer and/or recognized technical sources of each individual component. Since CTI cannot anticipate or control the conditions under which the product may be used, each user must, prior to usage, assess and control the risks arising from its use of the material. Users are responsible to verify this data under their own operating conditions to determine whether this product is suitable for their particular purposes and they assume all risks of their use, handling, and disposal of the product, or from the publication or use of, or reliance on information contained herein. This information relates only to the product-designated herein, and does not relate to its use in combination with any other material or in any other process.

C36F

SAFETY DATA SHEET

Issue Date 22-Jul-2014

Revision Date 01-Jun-2016

Version 2

1. PRODUCT AND COMPANY IDENTIFICATION

Product identifier

Product Name SURROUND FREE

Other means of identification

Product Code BP 5468

Recommended use of the chemical and restrictions on use

Recommended Use Carpet Detergent.

Uses advised against Use only as stated on label.

Details of the supplier of the safety data sheet

Supplier BonnetPro
4529 Bethelhem Pike
Telford, PA 18969
Phone: (877) 477-1615

Emergency telephone number

Emergency Telephone Chemtrec 1-800-424-9300

2. HAZARDS IDENTIFICATION

Classification

OSHA Regulatory Status

This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

Acute toxicity - Oral	Not classified
Acute toxicity - Dermal	Not classified

Label elements

Emergency Overview

Warning

Hazard statements

Causes eye irritation

Appearance Colorless to Light Amber

Physical state Liquid

Odor None

Precautionary Statements - Prevention

Wash hands and any exposed skin thoroughly after handling.

Precautionary Statements - Response

Specific Treatment (See Section 4 on the SDS)

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
If eye irritation persists: Get medical advice/attention

Hazards not otherwise classified (HNOC)

Other Information

Unknown Acute Toxicity 0% of the mixture consists of ingredient(s) of unknown toxicity

3. COMPOSITION/INFORMATION ON INGREDIENTS

C37 A

*The exact percentage (concentration) of composition has been withheld as a trade secret.

4. FIRST AID MEASURES

First aid measures

Skin Contact	Wash skin with soap and water.
Eye contact	Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a physician
Inhalation	Remove to fresh air.
Ingestion	Clean mouth with water and drink afterwards plenty of water.

Most important symptoms and effects, both acute and delayed

Symptoms No Information available.

Indication of any immediate medical attention and special treatment needed

Note to physicians Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable extinguishing media Caution: Use of water spray when fighting fire may be inefficient.

Specific hazards arising from the chemical

No Information available.

Explosion data

Sensitivity to Mechanical Impact None.

Sensitivity to Static Discharge None.

Protective equipment and precautions for firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal precautions Ensure adequate ventilation, especially in confined areas.

Environmental precautions

Environmental precautions See Section 12 for additional ecological information.

Methods and material for containment and cleaning up

Methods for containment Prevent further leakage or spillage if safe to do so.

Methods for cleaning up Pick up and transfer to properly labeled containers.

7. HANDLING AND STORAGE

C37B

Precautions for safe handling

Advice on safe handling Handle in accordance with good industrial hygiene and safety practice.

Conditions for safe storage, including any incompatibilities

Storage Conditions Keep containers tightly closed in a dry, cool and well-ventilated place.

Incompatible materials None known based on information supplied.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION**Control parameters**

Exposure Guidelines This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

Appropriate engineering controls

Engineering Controls Showers, Eyewash stations & Ventilation systems.

Individual protection measures, such as personal protective equipment

Eye/face protection No special technical protective measures are necessary.

Skin and body protection No special technical protective measures are necessary.

Respiratory protection If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.

General Hygiene Wear suitable gloves and eye/face protection.

9. PHYSICAL AND CHEMICAL PROPERTIES**Information on basic physical and chemical properties**

Physical state	Liquid		
Appearance	Colorless to Light Amber		
Odor	None	Odor threshold	No Information available

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
pH	8.8 - 9.2	
Melting point/freezing point	No Information available	
Boiling point / boiling range	> 100 °C	
Flash point	None	
Evaporation rate	No Information available	
Flammability (solid, gas)	No Information available	
Flammability Limits in Air		
Upper flammability limit:	No Information available	
Lower flammability limit:	No Information available	
Vapor pressure	No Information available	
Vapor density	No Information available	
Specific Gravity	1.032	
Water solubility	Complete	
Solubility in other solvents	No Information available	
Partition coefficient	No Information available	
Autoignition temperature	No Information available	
Decomposition temperature	No Information available	
Kinematic viscosity	No Information available	
Viscosity	No Information available	
Explosive properties	No Information available	

C37C

Oxidizing properties No Information available

Density Lbs/Gal 8.4

10. STABILITY AND REACTIVITY

Reactivity

No data available

Chemical stability

Stable under recommended storage conditions.

Possibility of Hazardous Reactions

None under normal processing.

Conditions to avoid

Extremes of temperature and direct sunlight.

Incompatible materials

None known based on information supplied.

Hazardous Decomposition Products

None known based on information supplied.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Product Information	No data available
Inhalation	No data available.
Eye contact	No data available.
Skin Contact	No data available.
Ingestion	No data available.

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Water 7732-18-5	> 90 mL/kg (Rat)	-	-
Polyacrylic Acid, Sodium Salt 68479-09-4	-	> 5000 mg/kg (Rabbit)	-
Tetrasodium EDTA 64-02-8	= 1658 mg/kg (Rat) = 10 g/kg (Rat)	-	-

Information on toxicological effects

Symptoms No Information available.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Sensitization	No Information available.
Germ cell mutagenicity	No Information available.
Carcinogenicity	No Information available.
Reproductive toxicity	No Information available.
STOT - single exposure	No Information available.
STOT - repeated exposure	No Information available.
Aspiration hazard	No Information available.

Numerical measures of toxicity - Product Information

Unknown Acute Toxicity 0% of the mixture consists of ingredient(s) of unknown toxicity
The following values are calculated based on chapter 3.1 of the GHS document .

12. ECOLOGICAL INFORMATION

Ecotoxicity

4.968% of the mixture consists of component(s) of unknown hazards to the aquatic environment

Chemical Name	Algae/aquatic plants	Fish	Crustacea
Tetrasodium EDTA 64-02-8	1.01: 72 h Desmodesmus subspicatus mg/L EC50	59.8: 96 h Pimephales promelas mg/L LC50 static 41: 96 h Lepomis macrochirus mg/L LC50 static	610: 24 h Daphnia magna mg/L EC50

Persistence and degradability

No Information available.

Bioaccumulation

No Information available.

Other adverse effects

No Information available

13. DISPOSAL CONSIDERATIONS

Waste treatment methods

Disposal of wastes

Disposal should be in accordance with applicable regional, national and local laws and regulations.

Contaminated packaging

Do not reuse container.

14. TRANSPORT INFORMATION

DOT

Not regulated

15. REGULATORY INFORMATION

International Inventories

TSCA	Complies
DSL/NDSL	Complies
EINECS/ELINCS	Does not comply
AICS	Complies

Legend:

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances

AICS - Australian Inventory of Chemical Substances

US Federal Regulations

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

SARA 311/312 Hazard Categories

Acute health hazard	No
Chronic Health Hazard	No
Fire hazard	No
Sudden release of pressure hazard	No
Reactive Hazard	No

CWA (Clean Water Act)

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

CERCLA

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material

US State Regulations

California Proposition 65

This product does not contain any Proposition 65 chemicals

U.S. State Right-to-Know Regulations

U.S. EPA Label Information

EPA Pesticide Registration Number Not Applicable

16. OTHER INFORMATION

NFPA	Health hazards 1	Flammability 0	Instability 0	Physical and Chemical Properties Yes
HMIS	Health hazards 1	Flammability 0	Physical hazards 0	Personal protection N/A

Issue Date 22-Jul-2014
Revision Date 01-Jun-2016
Revision Note
No Information available

Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet

C37F

SAFETY DATA SHEET

This Safety Data Sheet conforms to ANSI Z400.5, and to the format requirements and the International Chemical Safety Cards of the Global Harmonizing System.

THIS SDS COMPLIES WITH 29 CFR 1910.1200 (HAZARD COMMUNICATION STANDARD)

IMPORTANT: Read this SDS before handling & disposing of this product.

Pass this information on to employees, customers, & users of this product.

SECTION 1. IDENTIFICATION OF THE SUBSTANCE OR MIXTURE AND OF THE SUPPLIER

PRODUCT IDENTITY: SWEET LEMON DEODORIZER CD11
PRODUCT PURPOSE: DEODORIZER
COMPANY IDENTITY: Bridgepoint Systems
COMPANY ADDRESS: 4282 S 590 W
COMPANY CITY: Salt Lake City, UT 84123
COMPANY PHONE: 1-800-658-5314
EMERGENCY PHONES: INFOTRAC: 1-800-535-5053 (USA)

SECTION 2. HAZARDS IDENTIFICATION

CAUTION

HAZARD STATEMENTS:

H100s = General, H200s = Physical, H300s = Health, H400s = Environmental
H320 Causes eye irritation.

PRECAUTIONARY STATEMENTS:

P100s = General, P200s = Prevention, P300s = Response, P400s = Storage, P500s = Disposal
P262 Do not get in eyes, on skin, or on clothing.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

There are no components contained in this material that are considered hazardous under 29CFR1910.1200.

TRACE COMPONENTS: Trace ingredients (if any) are present in < 1% concentration, (< 0.1% for potential carcinogens, reproductive toxins, respiratory tract mutagens, and sensitizers). None of the trace ingredients contribute significant additional hazards at the concentrations that may be present in this product. All pertinent hazard information has been provided in this document, per the requirements of the Federal Occupational Safety and Health Administration Standard (29 CFR 1910.1200), U.S. State equivalents, and Canadian Hazardous Materials Identification System Standard (CPR 4).

SEE SECTIONS 8, 11 & 12 FOR TOXICOLOGICAL INFORMATION.

SECTION 4. FIRST AID MEASURES

EYE CONTACT:

For eyes, flush with plenty of water for 15 minutes & get medical attention.

SKIN CONTACT:

In case of contact with skin immediately remove contaminated clothing.
Wash thoroughly with soap & water. Wash contaminated clothing before reuse.

INHALATION:

After high vapor exposure, remove to fresh air. If breathing is difficult, give oxygen. If breathing has stopped, trained personnel should immediately begin artificial respiration. If the heart has stopped, trained personnel should immediately begin cardiopulmonary resuscitation (CPR).

SWALLOWING:

Rinse mouth. GET MEDICAL ATTENTION IMMEDIATELY. Do NOT give liquids to an unconscious or convulsing person.

C38A

COMPANY IDENTITY: Bridgepoint Systems
PRODUCT IDENTITY: SWEET LEMON DEODORIZER

SDS DATE: 07/26/2013
ORIGINAL: 07/26/2013

SECTION 5. FIRE FIGHTING MEASURES

FIRE & EXPLOSION PREVENTIVE MEASURES
Not Applicable.

EXTINGUISHING MEDIA
Use appropriate extinguishing media for surrounding fire.

SPECIAL FIRE FIGHTING PROCEDURES
Water spray may be ineffective on fire but can protect fire-fighters & cool closed containers. Use fog nozzles if water is used. Do not enter confined fire-space without full bunker gear. (Helmet with face shield, bunker coats, gloves & rubber boots). Use NIOSH approved positive-pressure self-contained breathing apparatus.

UNUSUAL EXPLOSION AND FIRE PROCEDURES
Closed containers may explode if exposed to extreme heat. Applying to hot surfaces requires special precautions.

SECTION 6. ACCIDENTAL RELEASE MEASURES

PERSONAL PROTECTIVE MEASURES:
Keep unprotected personnel away.
Wear appropriate personal protective equipment given in Section 8.

ENVIRONMENTAL PRECAUTIONS:
Keep from entering storm sewers and ditches which lead to waterways.

CONTAINMENT AND CLEAN-UP MEASURES:
Stop spill at source. Dike and contain.
Collect leaking & spilled liquid in sealable containers as far as possible.

SECTION 7. HANDLING AND STORAGE

HANDLING
Use with adequate ventilation. Avoid prolonged or repeated contact with skin.
Wear OSHA Standard goggles & gloves.

STORAGE
Isolate from strong oxidants. Do not store above 49 C/120 F.
Keep container tightly closed & upright when not in use to prevent leakage.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

There are no components contained in this material that are considered hazardous under 29CFR1910.1200. There are no known risks for TWA (OSHA) and TLV (ACGIH).

This product contains no EPA Hazardous Air Pollutants (HAP) in amounts > 0.1%.

RESPIRATORY EXPOSURE CONTROLS
A respiratory protection program that meets OSHA 29 CFR 1910.134 and ANSI Z86.2 requirements or European Standard EN 149 must be followed whenever workplace conditions warrant a respirator's use.

VENTILATION
LOCAL EXHAUST: Necessary
SPECIAL: None
MECHANICAL (GENERAL): Acceptable
OTHER: None
Please refer to ACGIH document, "Industrial Ventilation, A Manual of Recommended Practices", most recent edition, for details.

PERSONAL PROTECTIONS:
Wear OSHA Standard goggles & gloves as a standard practice.

C38B

COMPANY IDENTITY: Bridgepoint Systems
 PRODUCT IDENTITY: SWEET LEMON DEODORIZER

SDS DATE: 07/26/2013
 ORIGINAL: 07/26/2013

SECTION 9. PHYSICAL & CHEMICAL PROPERTIES

APPEARANCE:	Clear Light Yellow Liquid
ODOR:	Sweet Lemon (bubble gum)
ODOR THRESHOLD:	Not Available
pH (Neutrality):	7.0
MELTING POINT/FREEZING POINT:	Not Available
BOILING RANGE (IBP,50%,Dry Point):	100 100 100°C/212 212 212°F(*=End Point)
FLASH POINT (TEST METHOD):	>200° F Closed Cup
EVAPORATION RATE (n-BUTYL ACETATE=1):	Not Applicable
FLAMMABILITY CLASSIFICATION:	Class III-B
LOWER FLAMMABLE LIMIT IN AIR (% by vol):	Not Applicable
UPPER FLAMMABLE LIMIT IN AIR (% by vol):	Not Available
VAPOR PRESSURE (mm of Hg)@20 C	17.5
VAPOR DENSITY (air=1):	0.670
GRAVITY @ 68/68 F / 20/20 C:	
DENSITY:	0.985
SPECIFIC GRAVITY (Water=1):	0.986
POUNDS/GALLON:	8.213
WATER SOLUBILITY:	Complete
PARTITION COEFFICIENT (n-Octane/Water):	Not Available
AUTO IGNITION TEMPERATURE:	Not Applicable
DECOMPOSITION TEMPERATURE:	Not Available
VOCs (>0.044 Lbs/Sq In) :	Not Available
TOTAL VOC'S (TVOC)*:	0.123 Lbs/Gal
NONEXEMPT VOC'S (CVOC)*:	0.000 Lbs/Gal
HAZARDOUS AIR POLLUTANTS (HAPS):	0.0 Wt%
NONEXEMPT VOC PARTIAL PRESSURE (mm of Hg @ 20 C)	Not Available
VISCOSITY @ 20 C (ASTM D445):	Not Available

* Using CARB (California Air Resources Board Rules).

SECTION 10. STABILITY & REACTIVITY

STABILITY

Stable under normal conditions.

CONDITIONS TO AVOID

Isolate from extreme heat and open flame.

MATERIALS TO AVOID

Isolate from strong oxidizer.

HAZARDOUS DECOMPOSITION PRODUCTS

Carbon Oxides from heating.

HAZARDOUS POLYMERIZATION

Will not occur.

SECTION 11. TOXICOLOGICAL INFORMATION

ACUTE HAZARDS

EYE & SKIN CONTACT:

Primary irritation to skin, defatting, dermatitis.
 Primary irritation to eyes, redness, tearing, blurred vision.
 Liquid can cause eye irritation. Wash thoroughly after handling.

INHALATION:

Anesthetic. Irritates respiratory tract. Acute overexposure can cause serious nervous system depression. Vapor harmful.

SWALLOWING:

Swallowing can cause abdominal irritation, nausea, vomiting & diarrhea.

C380

COMPANY IDENTITY: Bridgepoint Systems
PRODUCT IDENTITY: SWEET LEMON DEODORIZER

SDS DATE: 07/26/2013
ORIGINAL: 07/26/2013

SECTION 11. TOXICOLOGICAL INFORMATION (CONTINUED)

SUBCHRONIC HAZARDS/CONDITIONS AGGRAVATED

CONDITIONS AGGRAVATED:
None Known.

CHRONIC HAZARDS

CANCER, REPRODUCTIVE & OTHER CHRONIC HAZARDS:

This product has no carcinogens listed by IARC, NTP, NIOSH, OSHA or ACGIH, as of this date, greater or equal to 0.1%.

IRRITANCY OF PRODUCT: This product is irritating to contaminated tissue.

SENSITIZATION TO THE PRODUCT: No component of this product is known to be a sensitizer.

MUTAGENICITY: This product is not reported to produce mutagenic effects in humans.

EMBRYOTOXICITY: This product is not reported to produce embryotoxic effects in humans.

TERATOGENICITY: This product is not reported to produce teratogenic effects in humans.

REPRODUCTIVE TOXICITY: This product is not reported to cause reproductive effects in humans.

A mutagen is a chemical which causes permanent changes to genetic material (DNA) such that the changes will propagate through generational lines. An embryotoxin is a chemical which causes damage to a developing embryo (such as: within the eight weeks of pregnancy in humans), but the damage does not propagate across generational lines. A teratogen is a chemical which causes damage to a developing fetus, but the damage does not propagate across generational lines. A reproductive toxin is any substance which interferes in any way with the reproductive process.

MAMMALIAN TOXICITY INFORMATION

No mammalian information is available on this product.

SECTION 12. ECOLOGICAL INFORMATION

ALL WORK PRACTICES MUST BE AIMED AT ELIMINATING ENVIRONMENTAL CONTAMINATION.

EFFECT OF MATERIAL ON PLANTS AND ANIMALS:

This product may be harmful or fatal to plant and animal life if released into the environment. Refer to Section 11 (Toxicological Information) for further data on the effects of this product's components on test animals.

EFFECT OF MATERIAL ON AQUATIC LIFE:

No aquatic environmental information is available on this product.

MOBILITY IN SOIL

This material is a mobile liquid.

DEGRADABILITY

This product is completely biodegradable.

ACCUMULATION

Bioaccumulation of this product has not been determined.

GREEN INGREDIENTS

>98.4% of ingredients are approved or on an approved list of at least one third party green certification organization.

SECTION 13. DISPOSAL CONSIDERATIONS

Processing, use or contamination may change the waste disposal requirements. Do not dispose of on land, in surface waters, or in storm drains. Waste should be recycled or disposed of in accordance with regulations. Large amounts should be collected for reuse or consigned to licensed hazardous waste haulers for disposal.

ALL DISPOSAL MUST BE IN ACCORDANCE WITH ALL FEDERAL, STATE, PROVINCIAL, AND LOCAL REGULATIONS. IF IN DOUBT, CONTACT PROPER AGENCIES.

CP&D

COMPANY IDENTITY: Bridgepoint Systems
PRODUCT IDENTITY: SWEET LEMON DEODORIZER

SDS DATE: 07/26/2013
ORIGINAL: 07/26/2013

SECTION 14. TRANSPORT INFORMATION

DOT/TDG SHIP NAME: Not Regulated
DRUM LABEL: None
IATA / ICAO: Not Regulated
IMO / IMDG: Not Regulated
EMERGENCY RESPONSE GUIDEBOOK NUMBER: None

SECTION 15. REGULATORY INFORMATION

EPA REGULATION:
SARA SECTION 311/312 HAZARDS: None Known

All components of this product are on the TSCA list.
This material contains no known products restricted under SARA Title III,
Section 313 in amounts greater or equal to 1%.

STATE REGULATIONS:

THIS PRODUCT MEETS REQUIREMENTS OF SOUTHERN
CALIFORNIA AQMD RULE 443.1 & SIMILAR REGULATIONS

CALIFORNIA SAFE DRINKING WATER & TOXIC ENFORCEMENT ACT (PROPOSITION 65):
This product contains no chemicals known to the State of California
to cause cancer or reproductive toxicity.

INTERNATIONAL REGULATIONS

The components of this product are listed on the chemical inventories of the
following countries:
Australia (AICS), Canada (DSL or NDSL), China (IECSC), Europe (EINECS, ELINCS)G
Japan (METI/CSCL, MHLW/ISHL), South Korea (KECI), New Zealand (NZIoC),
Philippines (PICCS), Switzerland (SWISS), Taiwan (NECSI), USA (TSCA).

CANADA: WORKPLACE HAZARDOUS MATERIALS INFORMATION SYSTEM (WHMIS)
D2B: Irritating to skin / eyes.

This product has been classified in accordance with hazard criteria of the Controlled
Products Regulations (CPR) and the SDS contains all the information required by the CPR.

SECTION 16. OTHER INFORMATION

HAZARD RATINGS:

HEALTH (NFPA): 0, HEALTH (HMIS): 0, FLAMMABILITY: 1, PHYSICAL HAZARD: 0
(Personal Protection Rating to be supplied by user based on use conditions.)
This information is intended solely for the use of individuals
trained in the NFPA & HMIS hazard rating systems.

EMPLOYEE TRAINING

See Section 2 for Risk & Safety Statements. Employees should be made aware
of all hazards of this material (as stated in this SDS) before handling it.

SDS DATE: 07/26/2013

NOTICE

Bridgepoint Systems disclaims all expressed or implied warranties of merchantability or
fitness for a specific use, with respect to the product or the information provided herein,
except for conformation to contracted specifications. All information appearing herein
is based upon data obtained from manufacturers and/or recognized technical sources.
While the information is believed to be accurate, we make no representations as to its
accuracy or sufficiency.
Conditions of use are beyond our control, and therefore users are responsible for
verifying the data under their own operating conditions to determine whether the product
is suitable for their particular purposes and they assume all risks of their handling,
and disposal of the product. Users also assume all risks in regards to the publication
or use of, or reliance upon information contained herein.

C38E

This information relates only to the product designated herein, and does not relate to its use in combination with any other material or process.

C38-F

SECTION 1 – Identification

Product: **THORNELL CONCENTRATES**
K.O.E. (Kennel Odor Eliminator)
K.O.E. (Kennel Odor Eliminator) Fresh Scent
L.O.E. (Laundry Odor Eliminator)

Manufacturer: Thornell Corporation
Address: P.O. Box 363
James Street
Smithville MO 64089

Emergency Telephone: (816) 873-3342

SECTION 2 – Hazards Identification

GHS Classification
Skin sensitization, Category 1B, H317



Signal word: **WARNING**

Hazard statements:
H317: May cause an allergic skin reaction.

Precautionary statements:
P281: Use personal protective equipment as required.
P314: Get medical advice/attention if you feel unwell.
P501: Dispose of contents/container to in accordance with local/regional/national/international regulations.

SECTION 3 – Composition

The ingredients in this fragrance mixture are considered by Thornell Corporation to be a trade secret in accordance with the provisions of the OSHA Hazard Communication Standard (29 CFR 1910.1200). Identities will be revealed to a qualified health professional (physician, nurse practitioner, EMT or physician's assistant) in the event of an emergency.

SECTION 4 – First Aid Measures

Inhalation: Leave the contaminated area immediately and go to a fresh air source. If breathing is difficult contact a physician.

Eye Contact: Wash eyes immediately with copious amounts of water. Contact a physician if irritation persists or vision problems occur.

Skin Contact: Remove any contaminated clothing and wash the exposed skin thoroughly with soap and water. Contact a physician if irritation persists.

Ingestion: Contact a physician if you feel unwell.

SECTION 5 – Fire-fighting Measures

Hazardous Products of combustion: CO₂, CO, other unidentified products of combustion.

C39A

Extinguishing Media: Use dry chemical, foam or water spray.
Special Fire Fighting Procedure: Use self-contained breathing apparatus (SCBA) and firefighting clothing.
Unusual Fire and Explosion Hazards – None known.

SECTION 6 – Accidental Release Measures

To avoid possible contamination of the environment, contain spilled material. Cover with an inert, inorganic, non-combustible absorbent material, sweep up and remove to an approved disposal container. Avoid open flames or other sources of ignition. Avoid inhalation of vapors.

SECTION 7 – Handling and Storage

For maximum personal protection, handle fragrances in a completely closed system.
Ventilation: Employ local exhaust ventilation meeting ACGIH design criteria.
Handling Procedures: Avoid inhalation and eye and skin contact whenever possible. Use good personal hygiene practices. Wash thoroughly after contact with the skin and at the end of each work period. Contaminated clothing and shoes should be laundered or cleaned before reuse.
Storage Requirements: Store in a cool, dry, well-ventilated area. Avoid heat sources. Keep containers closed and upright.

SECTION 8 – Exposure Controls/Personal Protection

Respiratory Protection: Not normally required in well-ventilated areas. If vapor levels are high due spillage, or if the product is heated, or if other abnormal conditions exist, use a full-face NIOSH-approved organic vapor respirator.
Eye Protection: If abnormal conditions exist, wear NIOSH-approved goggles or shields when handling. Eye wash stations should be available.
Skin Protection: If abnormal conditions exist, wear oil and chemical-resistant gloves when handling. Safety showers should be available.

SECTION 9 – Physical and Chemical Properties

Appearance:	liquid	Flash point:	117°F
Color:	water-white	Density:	not determined
Odor:	Pleasant, to match standard.	Vapor pressure:	17.6 mm Hg @ 20° C
pH:	5.75	VOC content:	4.04%

SECTION 10 – Stability and Reactivity

This product is stable and presents no significant reactivity hazard. It does not react violently with water and no hazardous polymerization will occur. Contact with highly concentrated acids, alkalis or oxidizing agents must be avoided. Avoid excessive heat, open flames or other sources of ignition.

SECTION 11 – Toxicology Information

This is a compounded mixture that has not been tested whole on humans or animals. Individual components present at 1% or more have the following acute and/or chronic hazards when tested at 100% concentration:

Acute Hazards: Liquid may be irritating to skin and eyes. Vapor may be irritating to the throat, lungs and pulmonary tract, may irritate the eyes. Repeated contact may cause allergic dermatitis. May be irritating to skin and eyes. This product contains material(s) which are listed in 29 CFR 1910 subpart Z and/or have a TLV established by ACGIH (OEL = 1000 ppm).

Chronic Hazards: not known

This product does not contain carcinogens identified by OSHA, IARC, ACGIH, NTP or other authoritative body.

C39B

Oral LD₅₀ > 2,000 mg/kg (calculated)

SECTION 12 – Ecological Information

This mixture has not been tested. See Section 16 for any EU hazard classification information.

SECTION 13 – Disposal Considerations

Dispose in accordance with local regulations.

SECTION 14 – Transportation Information

DOT/TDG: Not Regulated
IATA/ICAO: Not Regulated
IMO/IMDG: Not Regulated

SECTION 15 – Regulatory Information

SARA 313 This proprietary mixture contains the following material(s) subject to SARA 313 reporting: NONE

SECTION 16 – Other Information

All ingredients in the mixture are listed on the US EPA's Inventory of Toxic Substances (TSCA); the EEC's European Inventory of Existing Commercial Chemical Substances (EINECS) or List of Notified Chemical Substances (ELINCS); Environment Canada's Domestic Substances List (DSL) or Non-domestic Substances List (NDSL).

Contains no materials Known by the State of California to cause cancer or reproductive toxicity (Proposition 65).

EU Classification: Xi, R41-43

The information documented in this SDS has been obtained from current and reliable sources; however it is provided without any warranty, expressed or implied, about its correctness or accuracy. Since the use, handling and disposal of this product is beyond Thornell Corporation's control, it becomes the responsibility of the user to determine safe conditions for the use of this product in his own facility and to assume liability for loss, damage or expense resulting from the product's improper use. Federal, State and Municipal government agencies may have specific regulations concerning the use, storage, handling, transportation and disposal of this product that may not be delineated in this SDS. The user should review such regulations and comply accordingly.

Health Hazard = 1 Fire Hazard = 2 Reactivity = 1 Personal Protection = B

Date of issue: January 26, 2015 (initial issue)

Date revised: not applicable

C39C

SAFETY DATA SHEET

Unbelievable!® Goo D-Solv-R

Revision Date 1/18/2016

SECTION – 1 CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME Unbelievable!® Goo D-Solv-R **ITEM** UGDP
PRODUCT USE General Purpose Adhesive Remover
COMPANY NAME Core Products Co., Inc. **Office** (800) 825-2673
 401 Industrial Rd **Fax** (903) 567-1346
 Canton TX 75103 **Web** www.coreproductsco.com
EMERGENCY TELEPHONE NUMBER **CHEMTREC** (800) 424-9300

SECTION – 2 HAZARDS INFORMATION

Physical Hazards FLAMMABLE LIQUIDS-Category 3
Health Hazards EYES-Category 2A; SKIN-Category 2; STOT SINGLE EXPOSURE-Category 3



Flammables



Irritant (skin and eye)
Respiratory Tract Irritant

WARNING Flammable liquid and vapor, (Liquid does not sustain combustion, Not Regulated by DOT)
 Causes serious eye irritation, Causes skin irritation, May cause respiratory irritation
 May be harmful if swallowed, Do not get in eyes, on skin, or clothing, and avoid inhalation of mist, Do not smoke, eat or drink while using, Use personal protective equipment as required, Wash thoroughly after handling, Avoid release into the environment

SECTION – 3 COMPOSITION INFORMATION (Exact percentage of the listed chemicals of composition has been withheld as a trade secret)

CHEMICAL NAME	COMMON NAME AND SYNONYMS	CAS #	IMPURITIES	PERCENT
Synthetic Hydrocarbon	Supplier Proprietary	Unknown		8 - 12%
Glycol Ether DB	Diethylene Glycol Monobutyl Ether	112-34-5		50 - 80%
Acetone	2-propanone	67-64-1	Water < 0.5%	1 - 4%
Alcohol Ethoxylate	Alcohols, C9-11, ethoxylated	68439-46-3		3 - 8%

SECTION – 4 FIRST AID MEASURES

EYE CONTACT Immediately flush eyes with cold water for at least 15 minutes while lifting upper and lower eyelids, Remove contact lenses if present and easy to do without injury to the eye and continue rinsing, If irritation persists obtain medical attention, preferably from an ophthalmologist

SKIN CONTACT Wash contaminated skin with plenty of soap and water, Remove any contaminated clothing and wash before reuse, If irritation occurs or persists obtain medical attention

INHALATION Move person to fresh air, if they have problem breathing, show signs of overexposure or feel unwell obtain medical attention

INGESTION DO NOT INDUCE VOMITING. If person is fully conscious, rinse mouth out and give one to two glasses of water to dilute and obtain immediate medical attention. If vomiting occurs, keep head below hips to prevent aspiration into the lungs

Aspiration Hazard Not considered to be an aspiration hazard

ACUTE SYMPTOMS OF SINGLE OVEREXPOSURE

Eyes Can cause eye irritation
Skin Can cause skin irritation
Inhalation Mist may cause irritation, to respiratory tract
Ingestion May be harmful if swallowed, Can cause irritation, of the mouth, throat, and esophagus, May affect target organs

CHRONIC SYMPTOMS OF PROLONGED OR REPEATED OVEREXPOSURE

Eyes Causes serious eye irritation, redness, tearing, or pain
Skin Causes skin irritation, burning, drying or cracking
Inhalation Mist may cause irritation, to mucus membranes or respiratory tract
Ingestion May be harmful if swallowed, Causes irritation, of the mouth, throat, and esophagus, Ingestion may cause vomiting which may be harmful if it enters airways, Ingestion may affect, liver, kidneys, central nervous system

C410A

SECTION – 5 FIRE FIGHTING MEASURES

Extinguishing Media	Does not sustain combustion, Use extinguishing media for surrounding fire
Hazardous Decomposition	Burning or thermal decomposition can produce, carbon monoxide, carbon dioxide, and other toxic fumes
Reactive With	Incompatible with, oxidizing agents, reducing agents, strong acids
Explosion Hazards	May flash if heated and ignited in an enclosed area
Static Discharge	Not expected to ignite product
Mechanical Impact	Not applicable
Protective Equipment	Use MSHA/NIOSH approved self-contained breathing apparatus and full protective gear

SECTION – 6 ACCIDENTAL RELEASE MEASURES

Emergency Procedures	Warn personnel to move away
Personal Precautions	Eliminate ignition sources and ventilate area, Avoid slipping on spilled product
Protective Equipment	Safety Glasses, Chemical Gloves and Rubber Boots
Containment	Use sand or inert non-combustible absorbent pads to prevent spill from spreading, Prevent spill from entering the environment
Clean Up Procedures	Small Spills: Use wet vacuum or mop and wringer to pick up spilled material then mop area with clean water Large Spills: Absorb spill with inert material, place in a chemical waste container, mop area with clean water
Disposal	Dispose of material in accordance with all State and Federal Guidelines and Regulations

SECTION – 7 HANDLING AND STORAGE

Handling	Keep away from incompatible materials, sparks, open flames or hot surfaces, Use appropriate safety equipment, Avoid eye and skin contact, Do not smoke, eat or drink while using, Wash thoroughly after handling, Avoid release to the environment
Storage	KEEP OUT OF REACH OF CHILDREN, Keep container closed when not in use, Store in a well-ventilated area and away from incompatible materials, Store below 49°C (120°F) and in accordance with Class II Combustible Liquids (GHS Category 3)
Incompatible Materials	Incompatible with, oxidizing agents, reducing agents, strong acids

SECTION – 8 EXPOSURE CONTROLS / PERSONAL PROTECTION

CHEMICAL NAME	ACGIH (TWA 8)	ACGIH (STEL)	OSHA PEL (TWA 8)	OSHA (CEIL)	Significant Exposure
Synthetic Hydrocarbon	Not Established		Not Established		EI,SI
Glycol Ether DB	10 ppm				EI
Alcohol Ethoxylate	None Established				EI
Acetone	500 ppm (A4)	750 ppm		1000 ppm (2400 mg/m³)	CNS, RT

PERSONAL PROTECTIVE EQUIPMENT



Chemical Safety Glasses, Goggles or Face Shield



Impervious Chemical Gloves



Eye Wash (Recommended)



Ventilation

General Ventilation

If exposure limits listed above are exceeded, or irritation is experienced, use a MSHA / NIOSH approved respirator

HMIS HAZARD RATINGS

Health	2
Flammability	2
Reactivity	0
Personal Protection	B

SECTION – 9 PHYSICAL AND CHEMICAL PROPERTIES

Flash Point	53.0°C (127.4°F) - TAG Closed Cup	Specific Gravity / Density	0.97
Flammable Limits	Does not sustain combustion (ASTM D4206)	pH (± 0.3)	6.6
Auto-Ignition Temp.	ND	Viscosity	ND
Physical State	Liquid	Freeze Point	< 0°C (32°F)
Appearance	Clear	Boiling Point	100°C (212°F)
Odor	Light Acetone	Vapor Density (air=1)	ND
Odor Threshold	ND	Vapor Pressure (mm Hg)	ND
Solubility	Immiscible	Evaporation Rate (nBuAc=1)	ND
Volatiles	< 94%	Partition Coefficient	ND
VOC	0.00	Molecular Weight (g/mol)	ND
LVP-VOC	69%	Decomposition Temperature	ND

C40B

SECTION – 10 STABILITY AND REACTIVITY

Reactivity (Specific Test Data)	None available
Chemical Stability	Stable when stored below 49°C (120°F)
Hazardous Polymerization	Will not occur
Conditions To Avoid	Heat sources, open flame or incompatible materials
Incompatible Materials	Incompatible with, oxidizing agents, reducing agents, strong acids
Thermal Decomposition	Burning or thermal decomposition can produce, carbon monoxide, carbon dioxide, and other toxic fumes

SECTION – 11 TOXICOLOGICAL INFORMATION**ROUTES OF EXPOSURE**

Eyes (Yes), Skin (Yes), Inhalation (Yes "Mist"), Ingestion (Yes)

ACUTE SYMPTOMS OF SINGLE OVEREXPOSURE

Eyes	Can cause eye irritation
Skin	Can cause skin irritation
Inhalation	Mist may cause irritation, to respiratory tract
Ingestion	May be harmful if swallowed, Can cause irritation, of the mouth, throat, and esophagus, May affect target organs

CHRONIC SYMPTOMS OF PROLONGED OR REPEATED OVEREXPOSURE

Eyes	Causes serious eye irritation, redness, tearing, or pain
Skin	Causes skin irritation, burning, drying or cracking
Inhalation	Mist may cause irritation, to mucus membranes or respiratory tract
Ingestion	May be harmful if swallowed, Causes irritation, of the mouth, throat, and esophagus, Ingestion may cause vomiting which may be harmful if it enters airways, Ingestion may affect, liver, kidneys, central nervous system

Acute Tox Calculated	Oral: 5,923 mg/kg	Dermal: 3,880 mg/kg	Inhaled: > 50.0 mg/L
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Acute Tox Category	Not applicable (Oral >5000 mg/kg), Not applicable (Dermal >2,000 mg/kg), Not applicable (Inhaled >50 mg/L) Vapors		
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Additional Info

Target Organs	Kidneys, Mucous Membranes, Respiratory Tract, Eyes (Lens or cornea), Lungs, Skin
Medical Conditions	Preexisting, eye, skin, liver, kidney, disorders may be aggravated by exposure to this product
Notes to Physician	In case of ingestion, gastric lavage with activated charcoal can be used promptly to prevent absorption

CARCINOGENIC – This product contains concentrations above 0.1% of the following:

<u>CHEMICAL NAME</u>	<u>NTP</u>	<u>ACGIH</u>	<u>IARC</u>	<u>GHS Category</u>
None Listed	NA	NA	NA	NA

MUTAGENIC AND REPRODUCTIVE EFFECTS – This product contains concentrations above 0.1% of the following:

<u>CHEMICAL NAME</u>	<u>Germ Cell Mutagenicity</u>	<u>Toxic to Reproduction</u>
None Listed	NA	NA

COMPONENTS ACUTE TOXICITY

<u>CHEMICAL NAME</u>	<u>Type</u>	<u>Form</u>	<u>Subject</u>	<u>Result Value</u>	<u>Exposure Time</u>	<u>GHS Category</u>
Glycol Ether DB	LD50	Oral	Rat	7,291 mg/kg		(>2000 mg/kg)
	LD50	Dermal	Rabbit	2,764 mg/kg		(>2000 mg/kg)
Acetone	LD50	Oral	Rat	5,800 mg/kg		(>2000 mg/kg)
	LD50	Inhaled	Rat	100.2 mg/L	4 Hours (Vapor)	(>20 mg/L)
Alcohol Ethoxylate	LD50	Dermal	Guinea pig	7,426 mg/kg		(>2000 mg/kg)
	LD50	Oral	Rat	> 2,000 mg/kg		(>2000 mg/kg)
Synthetic Hydrocarbon	LD50	Dermal	Rabbit	> 2,000 mg/kg		(>2000 mg/kg)
	LD50	Oral	Rat	> 5,000 mg/kg		(>2000 mg/kg)
	LC50	Rat	Inhalation	> 20 mg/L	4 Hours (Vapor)	(>20 mg/L)
	LD50	Rabbit	Dermal	>5,010 mg/kg		(>2000 mg/kg)

C402

SECTION – 12 ECOLOGICAL INFORMATION

CHEMICAL NAME	Type	Subject	Subject Latin	Result Value	Exposure Time	GHS Category
Glycol Ether DB	LC50	Fish	(Leuciscus idus)	1,300 mg/L	96 Hours	4 (>100 mg/L)
	EC50	Water Flea	(Daphnia magna)	>100 mg/L	48 Hours	4 (>100 mg/L)
Acetone	LC50	Mosquito Fish	(Gambusia affinis)	13,000 mg/L	48 Hours	4 (>100 mg/L)
	LC50	Rainbow Trout	(Oncorhynchus mykiss)	5,540 mg/L	96 Hours	4 (>100 mg/L)
Alcohol Ethoxylate	EC50	Water Flea	(Daphnia magna)	8,800 mg/L	48 Hours	4 (>100 mg/L)
	LD50	Fathead minnow	(Pimephales promelas)	140 mg/L	96 Hours	4 (>100 mg/L)
Synthetic Hydrocarbon	EC50	Water Flea	(Daphnia magna)	5.3 mg/L	48 Hours	2 (>1, ≤10 mg/L)
	LC50	Fathead Minnow	(Pimephales promelas)	> 1,000 mg/L	96 Hours	4 (>100 mg/L)
Persistence And Degradability	This product is inherently biodegradable according to the OECD definition					
Bioaccumulative Potential	No data available					
Mobility In Soil	No data available					
Other Adverse Effects	Harmful to aquatic life					

SECTION – 13 DISPOSAL CONSIDERATIONS

DO NOT DUMP INTO ANY SEWERS, ON THE GROUND, OR INTO ANY BODY OF WATER

Dispose of any waste in accordance with all State and Federal Guidelines and Regulations

ENVIRONMENTAL FATE

Under RCRA rules, it is the responsibility of the user of the product to determine, at the time of disposal, whether the material is a hazardous waste

CONTAINER DISPOSAL - Triple rinse container then offer for recycling. If not available, puncture and dispose in a sanitary landfill

SECTION – 14 TRANSPORT INFORMATION**DOT CLASSIFICATION****UN Number**

Not Regulated

Proper Shipping Name n.o.s. (Chemicals) or "Limits"

Non Hazardous – Compounds Cleaning Liquid

Hazard Class	Packing Group	Label Codes	Reportable Quantity (lbs)	Response	Marine Pollutant	Hazard Label	Secondary
None	None	None	None	154	No		

Additional Info: Liquid does not sustain combustion by the prescribed procedure in the 49 CFR §173.120(a)(3)

IATA CLASSIFICATION**UN Number**

UN 1993

UN Proper Shipping Name n.o.s. (Chemicals) or "Limits"

Flammable Liquid, n.o.s. (Acetone Solution)

Class	Packing Group	Enviro Hazard	ERG	Special Provisions	Labels Required	Subsidiary Risk	Hazard Label
3	III	No	3L		Flammable Liquid	-	

Special precautions / marking:

040

SECTION – 15 REGULATORY INFORMATION

TSCA													
CHEMICAL NAME	Sec 8(b) Inventory			Sec 8(d) Health And Safety			Sec 4(a) Chemical Test Rules			Sec 12(b) Export Notification			
Glycol Ether DB	Yes												
Alcohol ethoxylate	Yes												
Acetone	Yes			Yes			Yes			Yes			
REPORTABLE QUANTITIES													
CHEMICAL NAME	Extremely Hazardous			Reportable Quantity			Emission Reporting						
	EPCRA TPQ Sec 302	EPCRA RQ Sec 304	CERCLA RQ Sec 103	TRI Sec 313	RCRA Code	RMP TQ Sec 112r							
Glycol Ethers							Yes						
Acetone				5000			U002						
SARA													
CHEMICAL NAME	Section 311				Section 311 / 312 Hazards								
	Hazardous Chemical	Acute	Chronic	Flammable	Pressure	Reactive							
Synthetic Hydrocarbon	Yes	Yes											
Glycol Ether DB	Yes	Yes	Yes										
Alcohol Ethoxylate	Yes	Yes											
Acetone	Yes	Yes	Yes	Yes									
RIGHT TO KNOW													
CHEMICAL NAME	STATE												
	CA	CT	FL	IL	LA	NJ	NY	PA	MI	MN	MA	RI	WI
Glycol Ether DB							Yes	Yes					
Acetone	Yes			Yes	Yes	Yes	Yes	Yes		Yes	Yes	Yes	
CALIFORNIA													
CHEMICAL NAME	CAS #	WARNING! This product contains chemicals known to the state of California to cause:											
		Birth Defects	Reproductive Harm	Carcinogen	Developmental								
None Listed													
CLEAN AIR WATER ACTS													
CHEMICAL NAME	CAS #	Clean Air Acts					Clean Water Acts						
		HAP	Ozone Class 1	Ozone Class 2	HS	PP	TP						
None Listed													
INTERNATIONAL REGULATIONS – The components of this product are listed on the chemical inventories of the following countries:													
CHEMICAL NAME	Australia	Canada	Europe (EINECS)	Japan	Korea	UK							
Synthetic Hydrocarbon	Yes	Yes	Yes	Yes	Yes	Yes							
Glycol Ether DB	Yes	Yes	Yes	Yes	Yes	Yes							
Alcohol Ethoxylate	Yes	Yes	Yes	Yes	Yes	Yes							
Acetone	Yes	Yes	Yes	Yes	Yes	Yes							
WHMIS Classification													
CHEMICAL NAME	DSL	Class	Description										
Glycol Ether DB, Acetone, Synthetic Hydrocarbon	Yes	D-2B	Materials Causing Other Toxic Effects; Toxic Material										
		B-3	Combustible Liquids; Flashpoint ≥ 37.8° C (100°F) ≤ 93.3°C (200°F)										

C40E

SECTION – 16 OTHER INFORMATION

SDS LEGEND DESCRIPTION

ACGIH	American Conference of Governmental Industrial Hygienists	LC50	A concentration that is lethal to 50% of a given species in a given time
CAS	Chemical Abstracts Service Registry	LD50	Dose that is lethal to 50% of a given species by a given route of exposure
CEIL	Ceiling Limit (15 minutes)	LEL	Lower Explosive Limit
CERCL	Comprehensive Environmental Response, Compensation, and Liability Act	LD	Liver Damage
CI	Cochlear Impairment	NA	Not Applicable
CNS	Central Nervous System	ND	Not Determined
EC50	Concentration of a chemical that gives half-maximal response	NFPA	National Fire Protection Association
EPA	Environmental Protection Agency	NIOSH	National Institute for Occupational Safety and Health
Eye	(EI = Irritation) (ED = Damage) (EV = Visual Impairment)	NE	Not Established
FBG	Full Bunker Gear	NTP	National Toxicology Program
GHS	Globally Harmonized System	OSHA	Occupational Safety and Health Administration
HAP	California Hazardous air pollutant Clean Air Act	PEL	Permissible Exposure Limit (OSHA)
HMIS-A	Safety Glasses	PNS	Peripheral Nervous System
HMIS-B	Safety glasses, gloves	PP	California Priority Pollutant under the Clean Water Act
HMIS-C	Safety glasses, gloves, chemical apron	REL	Recommended exposure limit (NIOSH)
HMIS-D	Face shield, gloves, chemical apron	RT	Upper Respiratory Tract
HMIS-E	Safety glasses, gloves, dust respirator	Skin	(SI = Irritation) (SD = Damage) (SA = Absorption) (SS = Sensitizer)
HMIS-F	Safety glasses, gloves, chemical apron, dust respirator	SARA	Superfund Amendments and Reauthorization Act
HMIS-G	Safety glasses, gloves, vapor respirator	STEL	Short Term Exposure Limit (15 minutes)
HMIS-H	Splash goggles, gloves, chemical apron, vapor respirator	TC Lo	Lowest concentration that is toxic to a given species in a given time
HMIS-I	Safety glasses, gloves, dust and vapor respirator	TD Lo	Lowest dose that is toxic to a given species
HMIS-J	Splash goggles, gloves, chemical apron, dust and vapor respirator	TLV	Threshold Limit Value (ACGIH)
HMIS-K	Air line hood or mask, gloves, full chemical suit, boots	TP	California Toxic Pollutant under the Clean Water Act
HMIS-X	Ask Supervisor	TSCA	Toxic Substances Control Act
HS	California Hazardous Substance under the Clean Water Act	TWA	Time Weighted Average (8 hours)
KD	Kidney Damage (nephropathy)	UEL	Upper Explosive Limit

Core Products Co., Inc.

and nCites LLC have compiled the information herein from sources believed to be reliable and up-to-date, and is accurate to the best of our knowledge. However, we cannot give any guarantees regarding information from other sources or the completeness and expressly do not make warranties, nor assume any liability for its use. The information contained herein is provided for reference purposes only and is intended only for persons having relevant technical skills. Because conditions and manner of use are outside of our control, the user is responsible for determining the conditions of safe use of the product. Buyers and users assume all risk, responsibility and liability whatsoever for any and all injuries, losses, or damages to persons or property arising from the use of this product or information.

Print Date 1/22/2016

Supersedes Safety Data Sheet Dated

1/1/2013

C40F

MATERIAL SAFETY DATA SHEET

SECTION ONE - GENERAL INFORMATION Date Revised: 11/10/2009

PRIMARY TRADE NAME:

UNBELIEVABLE!® RID'Z ODOR™ - DESERT RAIN

GENERIC DESCRIPTION:

Concentrated Water Soluble Deodorizer

MANUFACTURER'S NAME AND ADDRESS:

CORE PRODUCTS CO., INC.

401 INDUSTRIAL DR.

CANTON, TX 75103

Health - 1
Flammability - 0
Reactivity - 0
Special - 0

EMERGENCY TELEPHONE NUMBER: **Chemtrec 1-800-424-9300**

TELEPHONE NUMBER FOR INFORMATION: **1-800-825-2673**

SECTION TWO - HAZARDOUS INGREDIENTS/HEALTH HAZARD DATA

This product has not been tested as a whole for health effects on animals or humans. Hazardous ingredients >.99% and carcinogenic material >0.1% are:

<u>INGREDIENTS:</u>	<u>CAS#</u>	<u>% BY WT.</u>	<u>OSHA/PEL</u>	<u>ACGIH/TLV</u>
Isopropanol	67-63-0	<5%	400 ppm	400 ppm

SECTION THREE - PHYSICAL DATA

BOILING POINT (F): 212

pH: 7.0-7.5

VAPOR PRESSURE (mm/Hg): Same as water

SP. GRAVITY (WATER=1) 1

VAPOR DENSITY (AIR=1): N/D

SOLUBILITY IN WATER: Complete

EVAPORATION RATE (ETHYL ETHER=1) <1

APPEARANCE AND ODOR: Blue liquid with distinctive odor.

SECTION FOUR - FIRE & EXPLOSION HAZARD DATA

FLASH POINT (METHOD):
>150°F (COC)

AUTONITION TEMPERATURE:
ND

LEL:
ND

UEL:
ND

EXTINGUISHING MEDIA:

Appropriate to fire fuel source and surrounding materials. May flash but will not subsequently support combustion.

SPECIAL FIRE FIGHTING PROCEDURES: No special procedures. Cool closed containers with water spray

UNUSUAL FIRE AND EXPLOSION HAZARDS: May flash but will not subsequently sustain combustion. **Read and follow label directions - do not spray in undiluted form particularly if ignition source is present.**

SECTION FIVE - HEALTH HAZARD DATA

CARCINOGENICITY: NTP: No IARC: No OSHA: No

PRIMARY ROUTE OF ENTRY: Inhalation

SYMPTOMS OF HEAVY ACUTE AND/OR PROLONGED EXPOSURE: Redness of eyes and/or skin. SKIN: Prolonged exposure will cause defatting and redness. EYE: Is an irritant. INGESTION: Small amounts are not likely to cause injury. Large amounts can be injurious.

CAIA

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: Preexisting contact-site disorders

EMERGENCY FIRST AID: FOR EYES AND SKIN: Flush with water for 15 minutes. Get medical attention if necessary. INGESTION: Give 2 glasses of water and summon medical assistance. Do not induce vomiting.

SECTION SIX - REACTIVITY DATA

STABILITY: Stable.

CONDITIONS TO AVOID: None

INCOMPATIBLE MATERIALS TO AVOID: Acids And Oxidizers.

HAZARDOUS POLYMERIZATION: Will not occur.

CONDITIONS TO AVOID: None

HAZARDOUS DECOMPOSITION: Oxides of Carbon

SECTION SEVEN - ENVIRONMENTAL PROTECTION PROCEDURES

SPILL RESPONSE: Small amounts can be flushed to waste treatment system. Large spills: Mop or vacuum up and transfer to a clean container. Waste is RCRA ignitable. Avoid generating a waste from this material.

WASTE DISPOSAL METHOD: Dispose of in accordance with all Local, State and Federal regulations.

SECTION EIGHT - SPECIAL PROTECTION INFORMATION

EYE PROTECTION: ANSI-approved eyewear

SKIN PROTECTION: Rubber or vinyl gloves.

RESPIRATORY PROTECTION: Not normally needed if used according to label directions.

VENTILATION RECOMMENDATION: Local Exhaust: Not normally indicated Special: Not necessary. Mechanical: Not normally indicated Other: Normal indoor ventilation.

OTHER PROTECTION: Long pants and sleeves. Consider an apron.

SECTION NINE - SPECIAL PRECAUTIONS

HANDLING AND STORAGE: Store in cool dry area.

OTHER PRECAUTION: None.

SECTION TEN - TRANSPORTATION INFORMATION:

Exceptions found in 49 CFR 173 may be applied to actual shipments; below is for reference purposes only:

DOT SHIPPING NAME:

DOT HAZARD CLASS:

NON-REGULATED IN NON-BULK SHIPMENTS.

UN/NA IDENTIFICATION NUMBER:

DOT LABEL:

NON-REGULATED

COMBUSTIBLE

Answer to frequently asked question: Solutions that are less than 25% alcohol and more than 50% water may be reclassified as combustible and consequently not be regulated in non-bulk containers by land per 49CFR

ENVIRONMENTAL NOTES:

SARA 313 Ingredients: None. Meets current State consumer product VOC limits when used as directed. Trace amounts of ethylene oxide and reportable under California Proposition 65.

DISCLAIMER OF LIABILITY

The manufacturer and seller warrants that the product conforms to its standard specifications when used according to directions. As the conditions or methods of use are beyond our control, we do not assume any responsibility and expressly disclaim any liability for use of this product. Information contained hereinafter is believed to be true and accurate but all statements or suggestions are made without any warranty, expressed or implied, regarding accuracy of the information, the hazards connected with the use of the material and the results to be obtained from the use thereof.

Footnotes:

NA-Not applicable
CALC-Calculated
Limit

NE-data not established
EST-Estimated
TWA-Time Weighted Average, 8 hours

CS-Cancer Suspect Agent
STEL-Short Time Exposure Limit
HMS, PPI-Hazardous Material Identification System, Personal Protection Index

OX-Oxidizer
TLV-Threshold limit Value

ND-No data
PEL-Permissible Exposure

Cor-Corrosive

C410B

SAFETY DATA SHEET

This Safety Data Sheet conforms to ANSI Z400.5, and to the format requirements and the International Chemical Safety Cards of the Global Harmonizing System.

THIS SDS COMPLIES WITH 29 CFR 1910.1200 (HAZARD COMMUNICATION STANDARD)

IMPORTANT: Read this SDS before handling & disposing of this product.

Pass this information on to employees, customers, & users of this product.

SECTION 1. IDENTIFICATION OF THE SUBSTANCE OR MIXTURE AND OF THE SUPPLIER

PRODUCT IDENTITY: VIPER RENEW
PRODUCT USES: Tile & Grout Cleaner
COMPANY IDENTITY: Hydro-Force Manufacturing
COMPANY ADDRESS: 4282 S 590 W
COMPANY CITY: Salt Lake City, UT 84123
COMPANY PHONE: 1-800-948-1779
EMERGENCY PHONES: INFOTRAC: 1-800-535-5053 (USA)
1-352-323-3500 (International)



SECTION 2. HAZARDS IDENTIFICATION

WARNING!

HAZARD STATEMENTS:

H100s = General, H200s = Physical, H300s = Health, H400s = Environmental

H290 MAY BE CORROSIVE TO METALS.

H315 CAUSES SKIN IRRITATION.

H320 CAUSES EYE IRRITATION.

PRECAUTIONARY STATEMENTS:

P100s = General, P200s = Prevention, P300s = Response, P400s = Storage, P500s = Disposal

P234 Keep only in original container.

P262 Do not get in eyes, on skin, or on clothing.

P264 Wash hands thoroughly after handling.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

P301+330+331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

P303+361+353 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse SKIN with water/shower.

P305+351+338 IF IN EYES: Rinse cautiously with water for several minutes.

Remove contact lenses, if present and easy to do. Continue rinsing.

P310 Immediately call a POISON CENTER or doctor/physician.

P363 Wash contaminated clothing before reuse.

P390 Absorb spillage to prevent material damage.

P404 Store in a closed container.

P405 Store locked up.

P501 Dispose of contents/container to appropriate waste site or reclaimer in accordance with local and national regulations.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

MATERIAL	CAS#	EINECS#	WT %
Urea Monochloride	506-89-8	-	Trade Secret
Dipropylene Glycol n-Butyl Ether	29911-28-2	-	Trade Secret

TRACE COMPONENTS: Trace ingredients (if any) are present in < 1% concentration, (< 0.1% for potential carcinogens, reproductive toxins, respiratory tract mutagens, and sensitizers). None of the trace ingredients contribute significant additional hazards at the concentrations that may be present in this product. All pertinent hazard information has been provided in this document, per the requirements of the Federal Occupational Safety and Health Administration Standard (29 CFR 1910.1200), U.S. State equivalents, and Canadian Hazardous Materials Identification System Standard (CPR 4).

SEE SECTIONS 8, 11 & 12 FOR TOXICOLOGICAL INFORMATION.

SECTION 4. FIRST AID MEASURES

GENERAL ADVICE:

First Aid responders should pay attention to self-protection and use the recommended protective clothing (chemical resistant gloves, splash protection). If potential for exposure exists, refer to Section 8 for specific personal protective equipment.

CA2A

COMPANY IDENTITY: Bridgepoint Systems
PRODUCT IDENTITY: VIPER RENEW

SDS DATE: 01/19/2015
REPLACES: 01/19/2015

SECTION 4. FIRST AID MEASURES (CONTINUED)

EYE CONTACT:

If this product enters the eyes, open eyes while under gently running water. Use sufficient force to open eyelids. "Roll" eyes to expose more surface. Minimum flushing is for 15 minutes. Seek immediate medical attention.

SKIN CONTACT:

If the product contaminates the skin, immediately begin decontamination with running water. Minimum flushing is for 15 minutes. Remove contaminated clothing, taking care not to contaminate eyes. If skin becomes irritated and irritation persists, medical attention may be necessary. Wash contaminated clothing before reuse, discard contaminated shoes.

INHALATION:

After high vapor exposure, remove to fresh air. If breathing is difficult, give oxygen. If breathing has stopped, trained personnel should immediately begin artificial respiration. If the heart has stopped, trained personnel should immediately begin cardiopulmonary resuscitation (CPR). Seek immediate medical attention.

SWALLOWING:

If swallowed, CALL PHYSICIAN OR POISON CONTROL CENTER FOR MOST CURRENT INFORMATION. If professional advice is not available, give two glasses of water to drink. DO NOT INDUCE VOMITING. Never induce vomiting or give liquids to someone who is unconscious, having convulsions, or unable to swallow. Seek immediate medical attention.

NOTES TO PHYSICIAN:

There is no specific antidote. Treatment of overexposure should be directed at the control of symptoms and the clinical condition of the patient. Any material aspirated during vomiting may cause lung injury. Therefore, emesis should not be induced mechanically or pharmacologically. If it is considered necessary to evacuate the stomach contents, this should be done by means least likely to cause aspiration (such as: Gastric lavage after endotracheal intubation).

SECTION 5. FIRE FIGHTING MEASURES

FIRE & EXPLOSION PREVENTIVE MEASURES

NO open flames.

EXTINGUISHING MEDIA

Use dry powder, carbon dioxide, foam, or water spray.

SPECIAL FIRE FIGHTING PROCEDURES

Water spray may be ineffective on fire but can protect fire-fighters & cool closed containers. Use fog nozzles if water is used. Do not enter confined fire-space without full bunker gear. (Helmet with face shield, bunker coats, gloves & rubber boots). Use NIOSH approved positive-pressure self-contained breathing apparatus.

UNUSUAL EXPLOSION AND FIRE PROCEDURES

SLIGHTLY COMBUSTIBLE!

Reacts with most metals producing hydrogen which is extremely flammable & may explode. Keep container tightly closed. Isolate from oxidizers, alkalis, heat, & open flame. Applying to hot surfaces requires special precautions. Closed containers may explode if exposed to extreme heat. Continue all label precautions!

SECTION 6. ACCIDENTAL RELEASE MEASURES

SPILL AND LEAK RESPONSE AND ENVIRONMENTAL PRECAUTIONS:

Uncontrolled releases should be responded to by trained personnel using pre-planned procedures. Proper protective equipment should be used. In case of a spill, clear the affected area, protect people, and respond with trained personnel.

C42B

COMPANY IDENTITY: Bridgepoint Systems
 PRODUCT IDENTITY: VIPER RENEW

SDS DATE: 01/19/2015
 REPLACES: 01/19/2015

SECTION 6. ACCIDENTAL RELEASE MEASURES (CONTINUED)

PERSONAL PROTECTIVE EQUIPMENT

The proper personal protective equipment for incidental releases (such as: 1 Liter of the product released in a well-ventilated area), use impermeable gloves (triple-gloves (rubber gloves and nitrile gloves, over latex gloves), goggles, face shield, and appropriate body protection. In the event of a large release, use impermeable gloves, specific for the material handled, chemically resistant suit and boots, and hard hat. Self-Contained Breathing Apparatus or respirator may be required where engineering controls are not adequate or conditions for potential exposure exist. When respirators are required, select NIOSH/MSHA approved based on actual or potential airborne concentrations in accordance with latest OSHA and/or ANSI recommendations.

ENVIRONMENTAL PRECAUTIONS:

Stop spill at source. Construct temporary dikes of dirt, sand, or any appropriate readily available material to prevent spreading of the material. Close or cap valves and/or block or plug hole in leaking container and transfer to another container. Keep from entering storm sewers and ditches which lead to waterways, and if necessary, call the local fire or police department for immediate emergency assistance.

CONTAINMENT AND CLEAN-UP MEASURES:

Absorb spilled liquid with polypads or other suitable absorbent materials. If necessary, neutralize using suitable buffering material, (acid with soda ash or base with phosphoric acid), and test area with litmus paper to confirm neutralization. Clean up with non-combustible absorbent (such as: sand, soil, and so on). Shovel up and place all spill residue in suitable containers. Dispose of at an appropriate waste disposal facility according to current applicable laws and regulations and product characteristics at time of disposal (see Section 13 - Disposal Considerations).

SECTION 7. HANDLING AND STORAGE

HANDLING

Isolate from oxidizers, alkalis, heat, & open flame. Use only with adequate ventilation. Do not get in eyes, on skin or clothing. Wear OSHA Standard full face shield. Consult Safety Equipment Supplier. Wear goggles, face shield, gloves, apron & footwear impervious to material. Wash clothing before reuse. Avoid free fall of liquid. Ground containers when transferring. Do not flame cut, braze, or weld. Continue all label precautions!

STORAGE

Isolate from strong oxidants or alkalis. Do not store above 49 C/120 F. Keep container tightly closed & upright when not in use to prevent leakage. Reacts with most metals producing hydrogen which is extremely flammable & may explode. Wear full face shield, gloves & full protective clothing when opening or handling. When empty, drain completely, replace bungs securely.

NONBULK: CONTAINERS:

Store containers in a cool, dry location, away from direct sunlight, sources of intense heat, or where freezing is possible. Material should be stored in secondary containers or in a diked area, as appropriate. Store containers away from incompatible chemicals (see Section 10, Stability and Reactivity). Post warning and "NO SMOKING" signs in storage and use areas, as appropriate. Empty containers should be handled with care. Never store food, feed, or drinking water in containers which held this product.

PROTECTIVE PRACTICES DURING MAINTENANCE OF CONTAMINATED EQUIPMENT:

Follow practices indicated in Section 6 (Accidental Release Measures). Make certain application equipment is locked and tagged-out safely. Always use this product in areas where adequate ventilation is provided. Collect all rinsates and dispose of according to applicable Federal, State, Provincial, or local procedures.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

MATERIAL	CAS#	EINECS#	TWA (OSHA)	TLV (ACGIH)
Urea Monochloride	506-89-8	-	None Known	None Known
Dipropylene Glycol n-Butyl Ether	29911-28-2	-	None Known	None Known

This product contains no EPA Hazardous Air Pollutants (HAP) in amounts > 0.1%.

C42C

COMPANY IDENTITY: Bridgepoint Systems
 PRODUCT IDENTITY: VIPER RENEW

SDS DATE: 01/19/2015
 REPLACES: 01/19/2015

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION (CONTINUED)

RESPIRATORY EXPOSURE CONTROLS

Maintain airborne contaminant concentrations below exposure limits given above. If respiratory protection is needed, use only protection authorized in 29 CFR 1910.134, European Standard EN 149, or applicable State regulations. If adequate ventilation is not available or there is potential for airborne exposure above the exposure limits, a respirator may be worn up to the respirator exposure limitations, check with respirator equipment manufacturer's recommendations/limitations. For a higher level of protection, use positive pressure supplied air respiration protection or Self-Contained Breathing Apparatus or if oxygen levels are below 19.5% or are unknown.

EMERGENCY OR PLANNED ENTRY INTO UNKNOWN CONCENTRATIONS OR IDLH CONDITIONS

Positive pressure, full-face piece Self-Contained Breathing Apparatus; or positive pressure, full-face piece Self-Contained Breathing Apparatus with an auxiliary positive pressure Self-Contained Breathing Apparatus.

VENTILATION

LOCAL EXHAUST: Necessary MECHANICAL (GENERAL): Necessary
 SPECIAL: None OTHER: None
 Please refer to ACGIH document, "Industrial Ventilation, A Manual of Recommended Practices", most recent edition, for details.

EYE PROTECTION:

Splash goggles or safety glasses. Face-shields are recommended when the operation can generate splashes, sprays or mists.

HAND PROTECTION:

Wear appropriate impervious gloves for routine industrial use. Use impervious gloves for spill response, as stated in Section 6 of this SDS (Accidental Release Measures).
 NOTICE: The selection of a specific glove for a particular application and duration of use in a workplace should also take into account all relevant workplace factors such as, but not limited to: Other chemicals which may be handled, physical requirements (cut/puncture protection, dexterity, thermal protection), potential body reactions to glove materials, as well as the instructions/specifications provided by the glove supplier.

BODY PROTECTION:

Use body protection appropriate for task. Cover-all, rubber aprons, or chemical protective clothing made from impervious materials are generally acceptable, depending on the task.

WORK & HYGIENIC PRACTICES:

Provide readily accessible eye wash stations & safety showers. Wash at end of each shift & before eating, smoking or using the toilet. Remove clothing that becomes contaminated. Destroy contaminated leather articles. Launder or discard contaminated clothing.

SECTION 9. PHYSICAL & CHEMICAL PROPERTIES

APPEARANCE:	Light Amber Liquid
ODOR:	Acrid
ODOR THRESHOLD:	Not Available
pH (Neutrality):	.5
MELTING POINT/FREEZING POINT:	Not Available
BOILING RANGE (IBP, 50%, Dry Point):	100 100 230°C / 213 213 446°F (*=End Point)
FLASH POINT (TEST METHOD):	> 93 C / > 201 F (PMCC)
EVAPORATION RATE (n-Butyl Acetate=1):	Not Applicable
FLAMMABILITY CLASSIFICATION:	Class IIIB
LOWER FLAMMABLE LIMIT IN AIR (% by vol):	0.95 (Lowest Component)
UPPER FLAMMABLE LIMIT IN AIR (% by vol):	Not Available
VAPOR PRESSURE (mm of Hg)@20 C	17.5
VAPOR DENSITY (air=1):	0.693
GRAVITY @ 68/68 F / 20/20 C:	
DENSITY:	1.109
SPECIFIC GRAVITY (Water=1):	1.110
POUNDS/GALLON:	9.246
WATER SOLUBILITY:	Complete
PARTITION COEFFICIENT (n-Octane/Water):	Not Available

C42D

COMPANY IDENTITY: Hydro-Force Manufacturing
PRODUCT IDENTITY: VIPER RENEW

SDS DATE: 01/19/2015
REPLACES: 01/19/2015

SECTION 9. PHYSICAL & CHEMICAL PROPERTIES (CONTINUED)

AUTO IGNITION TEMPERATURE:	398 C / 750 F
DECOMPOSITION TEMPERATURE:	Not Available
VOCs (>0.044 Lbs/Sq In) :	Not Available
TOTAL VOC'S (TVOC)*:	0.000 Lbs/Gal
NONEXEMPT VOC'S (CVOC)*:	0.000 Lbs/Gal
HAZARDOUS AIR POLLUTANTS (HAPS):	0.0 Wt%
NONEXEMPT VOC PARTIAL PRESSURE (mm of Hg @ 20 C)	0.0
VISCOSITY @ 20 C (ASTM D445):	Not Available

* Using CARB (California Air Resources Board Rules).

SECTION 10. STABILITY & REACTIVITY

STABILITY

Stable but Reacts with most metals producing hydrogen which is extremely flammable & may explode.

CONDITIONS TO AVOID

Isolate from oxidizers, alkalis, heat, & open flame.

MATERIALS TO AVOID

Reacts with strong oxidants, causing fire & explosion hazard.

HAZARDOUS DECOMPOSITION PRODUCTS

Carbon Monoxide, Carbon Dioxide from burning.

HAZARDOUS POLYMERIZATION

Will not occur.

SECTION 11. TOXICOLOGICAL INFORMATION

ACUTE HAZARDS

EYE & SKIN CONTACT:

Severe burns to skin, defatting, dermatitis.
Absorption thru skin increases exposure.
Severe burns to eyes, redness, tearing, blurred vision.
Liquid can cause severe skin & eye burns. Wash thoroughly after handling.

INHALATION:

Severe respiratory tract irritation may occur. Vapor harmful.

SWALLOWING:

Harmful or fatal if swallowed.

SUBCHRONIC HAZARDS/CONDITIONS AGGRAVATED

CONDITIONS AGGRAVATED

Persons with severe skin, liver or kidney problems should avoid use.

CHRONIC HAZARDS

CANCER, REPRODUCTIVE & OTHER CHRONIC HAZARDS:

This product has no carcinogens listed by IARC, NTP, NIOSH, OSHA or ACGIH, as of this date, greater or equal to 0.1%.

IRRITANCY OF PRODUCT: This product is irritating to contaminated tissue.

SENSITIZATION TO THE PRODUCT: No component of this product is known to be a sensitizer.

MUTAGENICITY: This product is not reported to produce mutagenic effects in humans.

EMBRYOTOXICITY: This product is not reported to produce embryotoxic effects in humans.

TERATOGENICITY: This product is not reported to produce teratogenic effects in humans.

REPRODUCTIVE TOXICITY: This product is not reported to cause reproductive effects in humans.

C42E

COMPANY IDENTITY: Hydro-Force Manufacturing
 PRODUCT IDENTITY: VIPER RENEW

SDS DATE: 01/19/2015
 REPLACES: 01/19/2015

SECTION 11. TOXICOLOGICAL INFORMATION (CONTINUED)

A mutagen is a chemical which causes permanent changes to genetic material (DNA) such that the changes will propagate through generational lines. An embryotoxin is a chemical which causes damage to a developing embryo (such as: within the eight weeks of pregnancy in humans), but the damage does not propagate across generational lines. A teratogen is a chemical which causes damage to a developing fetus, but the damage does not propagate across generational lines. A reproductive toxin is any substance which interferes in any way with the reproductive process.

MAMMALIAN TOXICITY INFORMATION

No mammalian information is available on this product.

SECTION 12. ECOLOGICAL INFORMATION

ALL WORK PRACTICES MUST BE AIMED AT ELIMINATING ENVIRONMENTAL CONTAMINATION.

EFFECT OF MATERIAL ON PLANTS AND ANIMALS:

This product may be harmful or fatal to plant and animal life if released into the environment. Refer to Section 11 (Toxicological Information) for further data on the effects of this product's components on test animals.

EFFECT OF MATERIAL ON AQUATIC LIFE:

48 hour LC50: 71.1 mg/L (ceriodaphnia dubia)

MOBILITY IN SOIL

Mobility of this material has not been determined.

DEGRADABILITY

This product is completely biodegradable.

ACCUMULATION

Bioaccumulation of this product has not been determined.

SECTION 13. DISPOSAL CONSIDERATIONS

Processing, use or contamination may change the waste disposal requirements. Do not dispose of on land, in surface waters, or in storm drains. Waste should be recycled or disposed of in accordance with regulations. Large amounts should be collected for reuse or consigned to licensed hazardous waste haulers for disposal.

ALL DISPOSAL MUST BE IN ACCORDANCE WITH ALL FEDERAL, STATE, PROVINCIAL, AND LOCAL REGULATIONS. IF IN DOUBT, CONTACT PROPER AGENCIES.

SECTION 14. TRANSPORT INFORMATION

MARINE POLLUTANT: No
 DOT SHIP NAME: Not Regulated
 TDG SHIP NAME: UN1760, Corrosive liquid, n.o.s.
 (contains: Urea Monohydrochloride), 8, PG-III
 DRUM LABEL: (CORROSIVE)
 IATA / ICAO: UN1760, Corrosive liquid, n.o.s.
 (contains: Urea Monohydrochloride), 8, PG-III
 IMO / IMDG: UN1760, Corrosive liquid, n.o.s.
 (contains: Urea Monohydrochloride), 8, PG-III
 EMERGENCY RESPONSE GUIDEBOOK NUMBER: 153



* NOTE: This material is corrosive to Aluminum only. Non-Corrosive to Skin & Mild Steel
 SPECIAL PRECAUTIONS FOR USER: Transport within user's premises:
 Always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

COMPANY IDENTITY: Hydro-Force Manufacturing
PRODUCT IDENTITY: VIPER RENEW

SDS DATE: 01/19/2015
REPLACES: 01/19/2015

SECTION 15. REGULATORY INFORMATION

EPA REGULATION:

SARA SECTION 311/312 HAZARDS: Acute Health

All components of this product are on the TSCA list.
This material contains no known products restricted under SARA Title III,
Section 313 in amounts greater or equal to 1%.

STATE REGULATIONS:

CALIFORNIA SAFE DRINKING WATER & TOXIC ENFORCEMENT ACT (PROPOSITION 65):

This product contains no chemicals known to the State of California
to cause cancer or reproductive toxicity.

INTERNATIONAL REGULATIONS

The identified components of this product are listed on the chemical inventories
of the following countries:

Australia (AICS), Canada (DSL or NDSL), China (IECSC), Europe (EINECS, ELINCS),
Japan (METI/CSCS, MHLW/ISHL), South Korea (KECI), New Zealand (NZIoC),
Philippines (PICCS), Switzerland (SWISS), Taiwan (NECSI), USA (TSCA).

CANADA: WORKPLACE HAZARDOUS MATERIALS INFORMATION SYSTEM (WHMIS)

D2B: Irritating to skin / eyes.

E: Corrosive Material.

NOTE: This material is corrosive to Aluminum only. Non-Corrosive to Skin & Mild Steel

This product has been classified in accordance with hazard criteria of the Controlled
Products Regulations (CPR) and the SDS contains all information required by the CPR.

SECTION 16. OTHER INFORMATION

HAZARD RATINGS:

HEALTH (NFPA): 2, HEALTH (HMIS): 2, FLAMMABILITY: 1, PHYSICAL HAZARD: 0
(Personal Protection Rating to be supplied by user based on use conditions.)

This information is intended solely for the use of individuals
trained in the NFPA & HMIS hazard rating systems.

EMPLOYEE TRAINING

See Section 2 for Risk & Safety Statements. Employees should be made aware
of all hazards of this material (as stated in this SDS) before handling it.

SDS DATE: 01/19/2015

NOTICE

Hydro-Force Manufacturing disclaims all expressed or implied warranties of merchantability
or fitness for a specific use, with respect to the product or the information provided herein,
except for conformation to contracted specifications. All information appearing herein
is based upon data obtained from manufacturers and/or recognized technical sources.

While the information is believed to be accurate, we make no representations as to its
accuracy or sufficiency.

Conditions of use are beyond our control, and therefore users are responsible for
verifying the data under their own operating conditions to determine whether the product
is suitable for their particular purposes and they assume all risks of their handling,
and disposal of the product. Users also assume all risks in regards to the publication
or use of, or reliance upon information contained herein.

This information relates only to the product designated herein, and does not relate to
its use in combination with any other material or process.

CH25



SAFETY DATA SHEET

1. Identification

Product Identifier	Waste Away	
Other means of identification		
Product code	BP-TPC-6000	
Recommended use	Non-pathogenic bacteria spotter.	
Recommended restrictions	Professional use only.	
Manufacturer/supplier/distributor/importer information		
Company name	BonnetPro	
Address	4529 Bethlehem Pike Telford, PA 18969	
Telephone	(215) 723-5330	
Emergency phone number	PERS	(800) 633-8253
	24 hour Emergency	(800) 633-8253

2. Hazard(s) Identification

Physical hazards	Not classified.	
Health hazards	Skin irritant	Category 3
Environmental hazards	Not classified	
OSHA defined hazards	Not listed.	
Label elements	None.	
Signal word	Warning.	
Hazard statement	Causes mild skin irritation.	
Precautionary statement		
Prevention		
Response	If skin irritation occurs: Get medical advice/attention.	
Storage		
Disposal		
Hazard(s) not otherwise classified (HNOC)	None.	
Supplemental information	None.	

3. Composition/information on ingredients

Mixtures	Contains no hazardous ingredients above reportable levels.
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4. First-aid measures

Inhalation	Move to fresh air. Call a physician if symptoms develop or persist.
Skin contact	Remove contaminated clothing immediately and wash skin with soap and water. In case of eczema or other skin disorders: Seek medical attention and take along these instructions.
Eye contact	Rinse with water for at least 15 minutes. Remove contact lenses, if present and easy to do. Get medical attention. Eye wash stations should be located in work area.
Ingestion	Rinse mouth. Get medical attention if symptoms occur. Do not induce vomiting.
Most important symptoms/effects, acute and delayed	Dermatitis. Rash.
Indication of immediate medical attention and special treatment needed	Provide general support measures and treat symptomatically. Keep victim under observation. Symptoms may be delayed.

C43A

General information Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Wash contaminated clothing before reuse.

5. Fire-fighting measures

Suitable extinguishing media Water fog. Foam. Dry chemical powder. Carbon dioxide (CO₂).

Unsuitable extinguishing media None known.

Specific hazards arising from the chemical During fire, gases hazardous to health may be formed.

Special protective equipment and precautions for firefighters Self-contained breathing apparatus and full protecting clothing must be worn in case of fire.

Fire-fighting equipment/instructions Move containers from fire area if you can do so without risk.

Specific methods Use standard firefighting procedures and consider the hazards of other involved materials.

General fire hazards No unusual fire or explosion hazards noted.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures Wear appropriate protective equipment and clothing during clean-up. Wear eye/face protection.

Methods and materials for containment and cleaning up Caution – spillages may be slippery.

Large spills: Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Absorb in vermiculite, dry sand or earth and place into containers. Prevent entry into waterways, sewer, basements or confined areas.

Small spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination.

Never return spills to original container for re-use. For waste disposal, see section 13 of the SDS.

Environmental precautions Do not release into the environment (see section 12). Avoid discharge into areas not consistent with package labeling.

7. Handling and storage

Precautions for safe handling Avoid contact with eyes, skin, and clothing. Avoid prolonged exposure. Wear appropriate personal protective equipment. Observe good industrial hygiene practices.

Conditions for safe storage, including any incompatibilities Store in original tightly closed container. Do not store in extreme conditions.

8. Exposure controls/personal protection

Occupational exposure limits No information available.

Biological limit values No information available.

Appropriate engineering controls Emergency eye wash stations and showers should be readily accessible. Provide natural or mechanical ventilation.

Individual protection measures, such as personal protective equipment

Eye/face protection Avoid contact with eyes. Wear safety glasses with side shields (or goggles), when necessary.

C43B

Skin protection	
Hand protection	Wear appropriate chemical resistant gloves, when necessary.
Other	None.
Respiratory protection	Respiratory protection not required.
Thermal hazards	Wear appropriate thermal protective clothing, when necessary.
General hygiene considerations	When using do not smoke or use chewing tobacco. Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants. Contaminated work clothing should not be allowed out of the workplace.

9. Physical and chemical properties

Appearance	
Physical State	Milky liquid.
Color	White.
Odor	Cranberry.
Odor threshold	Not available.
pH	6-7
Melting/freezing point	Not available.
Initial boiling point and boiling range	>212°F (100°C)
Flash point	>385°F (196°C)
Evaporation rate	Not available.
Flammability	Not available.
Flammability Limits	
Upper	Not available.
Lower	Not available.
Vapor pressure	Not available.
Vapor density	Not available.
Specific gravity (water=1)	1.0
Solubility in water	Soluble.
Partition coefficient (n-octanol/water)	Not available.
Auto-ignition temperature	Not available.
Decomposition temperature	Not available.
Viscosity	Not available.

10. Stability and reactivity

Reactivity	This product is stable and non-reactive under normal conditions of use.
Chemical stability	Material is stable under normal conditions.
Possibility of hazardous reactions	Hazardous polymerization does not occur.
Conditions to avoid	Heat, flames can cause product to decompose.
Incompatible materials	Strong acids, strong bases, strong oxidizing agents.
Hazardous decomposition products	Carbon dioxide, carbon monoxide.

11. Toxicological information

Information on likely routes of exposure

Ingestion	Expected to be a low ingestion hazard.
Inhalation	Expected to be a low inhalation hazard.
Skin contact	Repeated and/or prolonged skin contact may cause slight irritation.
Eye contact	Repeated and/or prolonged eye contact may cause slight irritation.
Symptoms related to the physical, chemical and toxicological characteristics	Dermatitis. Rash.
Acute toxicity	Not established.

Product	Route and Species	LD ₅₀
Waste Away (CAS mixture)		
Acute	<i>Oral, rat</i>	48,500 mg/kg estimated
	<i>Dermal, rat</i>	>5,000 mg/kg estimated

*Estimates for product may be based on additional component data not shown

Skin corrosion/irritation	May cause mild skin irritation.
Serious eye damage/irritation	Not classified.
Respiratory sensitization	Not classified.
Skin sensitization	Not classified.
Germ cell mutagenicity	Not classified.
Carcinogenicity	Not considered a carcinogen.
OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)	
	Not Listed.
Reproductive toxicity	Not classified.
Specific target organ toxicity – single exposure	Not classified.
Specific target organ toxicity – repeated exposure	Not classified.
Aspiration hazard	Not considered an aspiration hazard.

12. Ecological information

Ecotoxicity		
Product	Species	Test Results
Waste Away (CAS mixture)		
Aquatic		
Crustacea	Daphnia	EC ₅₀ (48hr): 980 mg/L estimated
Fish	Oncorhynchus mykiss	LC ₅₀ (96hr): 400 mg/L estimated

*Estimates for product may be based on additional component data not shown

Persistence and degradability	Not available.
Bioaccumulative potential	Potential to bioaccumulate is low.
Mobility in soil	Not available.
Other adverse effects	Not available.

13. Disposal considerations

Disposal instructions	Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Dispose of contents/container in accordance with local/regional/national/international regulations.
Local disposal regulations	Dispose in accordance with all applicable regulations
Waste from residues/unused product	Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner. (see:

CA3D

Contaminated packaging Disposal instructions).
Empty containers should be taken to an approved waste handling site for recycling or disposal. Since emptied containers may contain product residue, follow label warnings even after container is emptied.

14. Transport information

DOT

Not regulated as dangerous goods.

15. Regulatory information

US federal regulations

SARA 302 Extremely hazardous substance

Not listed.

SARA 304 Emergency release notification

Not listed.

SARA 311/312 Hazard Categories

Immediate Hazard - Yes

Delayed Hazard - No

Fire Hazard - No

Pressure Hazard - No

Reactivity Hazard - No

SARA 313 (TRI reporting)

Not listed.

16. Other information, including date of preparation or last revision

Issue date	6/29/2016
Revision date	6/29/2016
Version #	1
HMIS® ratings	Health: 1 Flammability: 0 Physical hazard: 0
NFPA ratings	Health: 1 Flammability: 0 Instability: 0
Disclaimer	The information provided in this Safety Data Sheet is correct to the best of our knowledge, and have been obtained from resources believed to be reliable. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal, and release and is not to be considered a warranty or quality specification. The information related only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified by the text.
Revision information	First issue.

SAFETY DATA SHEET

1 PRODUCT IDENTIFICATION



TMOUNT

TMF CHEMICAL
5045 Admiral Wright Rd., Ste. 109
Virginia Beach, VA 23464
Tel 1-800-949-7726
Internet: www.TruckMountForums.com

CHEMICAL NAME SYNONYM MIXTURE **CHEMICAL FAMILY: SURFACTANT/ DETERGENT**

TRADE NAME SYNONYM **ROB'S SECRET FORMULA PRESPRAY SPIKED**

2 HAZARDS IDENTIFICATION

HEALTH HAZARD DATA: GHS Classification:



Signal word: Warning: Irritant, harmful if swallowed.

ROUTE OF EXPOSURE

INHALATION	NO
SKIN ABSORPTION	NO
INGESTION	NO
SKIN CONTACT	NO
EYE CONTACT	YES-DIRECT CONTACT MAY CAUSE IRRITATION

3 COMPOSITION/INFORMATION ON INGREDIENTS

MATERIAL OR COMPONENT	%	CAS NUMBER
LINEAR ALCOHOL ETHOXYLATE		
SODIUM CARBONATE		
SODIUM TRIPOLYPHOSPHATE		12-28
	9-20	
	13-20	68131-39-5
	497-19-8	
	7758-29-4	

4 FIRST AID MEASURES

EFFECTS OF OVEREXPOSURE

ACUTE OVEREXPOSURE NOT KNOWN

EFFECTS OF OVEREXPOSURE NOT KNOWN

EMERGENCY FIRST AID PROCEDURES

EYES: FLUSH WITH WATER FOR 15 MINUTES IF IRRITATION PERSISTS SEE A PHYSICIAN

SKIN: WASH WITH WATER THOROUGHLY IF IRRITATION PERSISTS SEE A PHYSICIAN

INHALATION: MOVE TO FRESH AIR
IF IRRITATION PERSISTS SEE A PHYSICIAN

INGESTION: DRINK MILK OR WATER
AND SEE A PHYSICIAN

NOTES TO PHYSICIAN:

5 FIRE FIGHTING MEASURES

FLASH POINT (TOC)	N/A	AUTOIGNITION TEMPERATURE	N/A
FLAMMABLE LIMITS IN AIR % BY VOL. LOWER	N/A	UPPER	N/A
EXTINGUISHING MEDIA	FOAM, CO2, DRY CHEMICAL, WATER FOG		
SPECIAL FIRE FIGHTING PROCEDURES	USUAL FIRE FIGHTING PROCEDURES CAN BE USED		
UNUSUAL FIRE AND EXPLOSION HAZARD	NONE KNOWN		

6-ACCIDENTAL RELEASE MEASURES

~~STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED: FLUSH WITH WATER OR SWEEP UP
CONTAINERIZE (NON-HAZARDOUS WASTE).~~

NEUTRALIZING CHEMICALS

WASTE DISPOSAL METHOD: WASTE MAY BE DISCHARGED INTO SANITARY SEWER AS NON-
HAZARDOUS WASTE

IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS

7 HANDLING & STORAGE

~~KEEP AWAY FROM HEAT; KEEP AWAY FROM EYES AND AVOID PROLONG CONTACT WITH SKIN~~

8 EXPOSURE CONTROL/PERSONAL PROTECTION

SPECIFIC PERSONAL PROTECTIVE EQUIPMENT NONE	RESPIRATORY (SPECIFY IN DETAIL) NORMAL ROOM VENTILATION IS ADEQUATE
EYE: GOGGLES SUGGESTED	GLOVES: CONTACT IMPERMEABLE GLOVES SUGGESTED
OTHER CLOTHING AND EQUIPMENT	NONE

9: PHYSICAL DATA

BOILING POINT:	N/A	MELTING POINT:	ND	pH: 8.2-8.7
SPECIFIC GRAVITY	0.65	VAPOR PRESSURE	N/A	
VAPOR DENSITY(AIR=1)	N/A	SOLUBILITY IN H ₂ O BY WT.	SOLUBLE	

%VOLATILES BY WT.	EVAPORATION RATE (BUTYL ACETATE=1)	N/A
APPEARANCE AND ODOR	LIGHT YELLOW POWDER LIGHT SPICY FRAGRANCE	

10: STABILITY & REACTIVITY

CONDITIONS CONTRIBUTING TO INSTABILITY	NONE	INCOMPATIBILITY	ACIDS, STRONG OXIDIZING AGENTS
HAZARDOUS DECOMPOSITION PRODUCTS WHEN EXPOSED TO FIRE EMITS NORMAL PRODUCTS OF COMBUSTION,	YES	CONDITIONS CONTRIBUTING TO HAZARDOUS POLYMERIZATION	NONE

11: TOXICOLOGICAL INFORMATION

NONE KNOWN

12: ECOLOGICAL INFORMATION

NONE KNOWN

13: DISPOSAL CONSIDERATIONS

IN ACCORDANCE TO APPLICABLE FEDERAL STATE AND LOCAL REGULATIONS

14: TRANSPORT INFORMATION

REFER TO BILL OF LADING OR CONTAINER LABEL

15: REGULATORY INFORMATION

USA (TSCA), CANADA (DSL)

16: OTHER INFORMATION

PRECAUTIONARY STATEMENTS CHILDREN WASH AFTER HANDLING AND KEEP OUT OF REACH OF CHILDREN

DISCLAIMER OF LIABILITY

One should always use chemicals with an awareness of the potential hazard (known and unknown) of their effect on the human system. We urge users to minimize employee exposure to all chemicals, including this product, and to keep the level of exposure commensurate with good industrial hygiene practices.

The manufacturer and seller warrant that this product conforms to its standard specifications when used according to directions.

As the conditions or methods of use are beyond our control, we do not assume any responsibility and expressly disclaim any liability for use of this product. Information contained herein is believed to be true and accurate but all statements or suggestions are made without any warranty, expressed or implied, regarding accuracy of the information. The hazards connected with the use of the material and the results to be obtained from the use thereof.

ND-NOT DETERMINED
ESTABLISHED

NA-NOT APPLICABLE

NE-NOT

DATE 09-22-2017- ROB'S SECRET FORMULA PRESPRAY SPIKED

CHAL

