



# PROStar Fast Action Grout Cleaner

## Safety Data Sheet

According To Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules And Regulations And According To The Hazardous Products Regulation (February 11, 2015).

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Version: 1.0

## SECTION 1: IDENTIFICATION

### Product Identifier

**Product Form:** Mixture

**Product Name:** PROStar Fast Action Grout Cleaner

**Product Code:** 1260XX

### Intended Use of the Product

Cleaner

### Name, Address, and Telephone of the Responsible Party

Starbrite® Inc.

4041 SW 47<sup>th</sup> Avenue

Fort Lauderdale, FL 33314

(954)587-6280

[www.starbrite.com](http://www.starbrite.com)

### Emergency Telephone Number

**Emergency Number** : US: (800) 424-9300; International: (703) 527-3887 (CHEMTREC)

## SECTION 2: HAZARDS IDENTIFICATION

### Classification of the Substance or Mixture

#### GHS-US/CA Classification

Skin Corr. 1B H314

Eye Dam. 1 H318

Full text of hazard classes and H-statements : see section 16

### Label Elements

#### GHS-US/CA Labeling

#### Hazard Pictograms (GHS-US/CA)

:



#### Signal Word (GHS-US/CA)

: Danger

#### Hazard Statements (GHS-US/CA)

: H314 - Causes severe skin burns and eye damage.

H318 - Causes serious eye damage.

#### Precautionary Statements (GHS-US/CA)

: P260 - Do not breathe vapors, mist, or spray.

P264 - Wash hands, forearms, and other exposed areas thoroughly after handling.

P280 - Wear protective gloves, protective clothing, and eye protection.

P301+P330+P331 - IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

P303+P361+P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing.

Rinse skin with water.

P304+P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P305+P351+P338 - 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.

P321 - Specific treatment (see section 4 on this SDS).

P363 - Wash contaminated clothing before reuse.

P405 - Store locked up.

P501 - Dispose of contents/container in accordance with local, regional, national, territorial, provincial, and international regulations.

### Other Hazards

Exposure may aggravate pre-existing eye, skin, or respiratory conditions. Corrosive to the respiratory tract.

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### Unknown Acute Toxicity (GHS-US/CA)

No data available

## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

### Mixture

| Name                         | Product Identifier  | % *       | GHS Ingredient Classification   |
|------------------------------|---------------------|-----------|---|
| Urea, monohydrochloride      | (CAS No) 506-89-8   | 11 - 18   | Acute Tox. 4 (Oral), H302<br>Skin Corr. 1B, H314<br>Eye Dam. 1, H318<br>STOT SE 3, H335   |
| Alcohols, C9-11, ethoxylated | (CAS No) 68439-46-3 | 0.1 – 1.5 | Acute Tox. 4 (Oral), H302<br>Eye Irrit. 2A, H319<br>Aquatic Acute 2, H401   |
| 2-Butoxyethanol              | (CAS No) 111-76-2   | 0.1 – 1.1 | Flam. Liq. 4, H227<br>Acute Tox. 4 (Oral), H302<br>Acute Tox. 4 (Dermal), H312<br>Acute Tox. 4 (Inhalation:vapor), H332<br>Skin Irrit. 2, H315<br>Eye Irrit. 2A, H319 |

Full text of H-phrases: see section 16

\*Percentages are listed in weight by weight percentage (w/w%) for liquid and solid ingredients. Gas ingredients are listed in volume by volume percentage (v/v%).

## SECTION 4: FIRST AID MEASURES

### Description of First-aid Measures

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

**Inhalation:** When symptoms occur: go into open air and ventilate suspected area. Obtain medical attention if breathing difficulty persists.

**Skin Contact:** Remove contaminated clothing. Immediately flush skin with plenty of water for at least 60 minutes. Wash contaminated clothing before reuse. Immediately call a POISON CENTER or doctor.

**Eye Contact:** Rinse cautiously with water for at least 60 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get immediate medical advice/attention.

**Ingestion:** Rinse mouth. Do NOT induce vomiting. Obtain medical attention.

### Most Important Symptoms and Effects Both Acute and Delayed

**General:** Causes severe skin burns and eye damage. Causes serious eye damage.

**Inhalation:** May be corrosive to the respiratory tract.

**Skin Contact:** Causes severe irritation which will progress to chemical burns.

**Eye Contact:** Causes permanent damage to the cornea, iris, or conjunctiva.

**Ingestion:** May cause burns or irritation of the linings of the mouth, throat, and gastrointestinal tract. Ingestion is likely to be harmful or have adverse effects.

**Chronic Symptoms:** None known.

### Indication of Any Immediate Medical Attention and Special Treatment Needed

If exposed or concerned, get medical advice and attention. If medical advice is needed, have product container or label at hand.

## SECTION 5: FIRE-FIGHTING MEASURES

### Extinguishing Media

**Suitable Extinguishing Media:** Water spray, dry chemical, foam, carbon dioxide. Alcohol-resistant foam.

**Unsuitable Extinguishing Media:** Do not use a heavy water stream. Use of heavy stream of water may spread fire.

### Special Hazards Arising From the Substance or Mixture

**Fire Hazard:** Not flammable.

**Explosion Hazard:** Product is not explosive.

**Reactivity:** May react exothermically with water releasing heat. Adding an acid to a base or base to an acid may cause a violent reaction. This product may react in the presence of chlorates or nitrates. Contact with hypochlorites will liberate toxic gases.

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### Advice for Firefighters

**Precautionary Measures Fire:** Exercise caution when fighting any chemical fire.

**Firefighting Instructions:** Use water spray or fog for cooling exposed containers. Remove containers from fire area if this can be done without risk. Do not get water inside containers. Do not apply water stream directly at source of leak. Do not breathe fumes from fires or vapours from decomposition.

**Protection During Firefighting:** Do not enter fire area without proper protective equipment, including respiratory protection.

**Hazardous Combustion Products:** Thermal decomposition generates: Nitrogen oxides. Hydrogen chloride. Chlorine. Corrosive vapors.

### Reference to Other Sections

Refer to Section 9 for flammability properties.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

### Personal Precautions, Protective Equipment and Emergency Procedures

**General Measures:** Do not get in eyes, on skin, or on clothing. Do not breathe vapor, mist or spray.

#### For Non-Emergency Personnel

**Protective Equipment:** Use appropriate personal protection equipment (PPE).

**Emergency Procedures:** Evacuate unnecessary personnel.

#### For Emergency Personnel

**Protective Equipment:** Equip cleanup crew with proper protection.

**Emergency Procedures:** Ventilate area. Upon arrival at the scene, a first responder is expected to recognize the presence of dangerous goods, protect oneself and the public, secure the area, and call for the assistance of trained personnel as soon as conditions permit.

### Environmental Precautions

Prevent entry to sewers and public waters.

### Methods and Materials for Containment and Cleaning Up

**For Containment:** Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams. As an immediate precautionary measure, isolate spill or leak area in all directions.

**Methods for Cleaning Up:** Clean up spills immediately and dispose of waste safely. Cautiously neutralize spilled liquid. Absorb and/or contain spill with inert material. Transfer spilled material to a suitable container for disposal. Contact competent authorities after a spill.

### Reference to Other Sections

See Section 8 for exposure controls and personal protection and Section 13 for disposal considerations.

## SECTION 7: HANDLING AND STORAGE

### Precautions for Safe Handling

**Additional Hazards When Processed:** May release corrosive vapors.

**Precautions for Safe Handling:** Do not handle until all safety precautions have been read and understood. Do not get in eyes, on skin, or on clothing. Do not breathe mist, spray, vapors. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Handle empty containers with care because they may still present a hazard. Use appropriate personal protection equipment (PPE).

**Hygiene Measures:** Handle in accordance with good industrial hygiene and safety procedures.

### Conditions for Safe Storage, Including Any Incompatibilities

**Technical Measures:** Comply with applicable regulations.

**Storage Conditions:** Keep container closed when not in use. Store in a dry, cool and well-ventilated place. Containers which are opened should be properly resealed and kept upright to prevent leakage. Keep/Store away from direct sunlight, extremely high or low temperatures and incompatible materials. Store in original container or corrosive resistant and/or lined container.

**Incompatible Materials:** Alkalis. Strong bases. Strong oxidizers such as chlorates, bromates, and nitrates. Hypochlorites. Cyanides. Sulfides. Reactive metals.

### Specific End Use(s)

Cleaner

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### SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

#### Control Parameters

For substances listed in section 3 that are not listed here, there are no established Exposure limits from the manufacturer, supplier, importer, or the appropriate advisory agency including: ACGIH (TLV), AIHA (WEEL), NIOSH (REL), OSHA (PEL), Canadian provincial governments, or the Mexican government.

| 2-Butoxyethanol (111-76-2) |                                      |  |
|----------------------------|--------------------------------------|--|
| Mexico                     | OEL TWA (mg/m <sup>3</sup> )         | 120 mg/m <sup>3</sup>  |
| Mexico                     | OEL TWA (ppm)                        | 26 ppm   |
| Mexico                     | OEL STEL (mg/m <sup>3</sup> )        | 360 mg/m <sup>3</sup>  |
| Mexico                     | OEL STEL (ppm)                       | 75 ppm   |
| USA ACGIH                  | ACGIH TWA (ppm)                      | 20 ppm   |
| USA ACGIH                  | ACGIH chemical category              | Confirmed Animal Carcinogen with Unknown Relevance to Humans   |
| USA ACGIH                  | Biological Exposure Indices (BEI)    | 200 mg/g Kreatinin (Medium: urine - Time: end of shift - Parameter: Butoxyacetic acid with hydrolysis) |
| USA OSHA                   | OSHA PEL (TWA) (mg/m <sup>3</sup> )  | 240 mg/m <sup>3</sup>  |
| USA OSHA                   | OSHA PEL (TWA) (ppm)                 | 50 ppm   |
| USA OSHA                   | Limit value category (OSHA)          | prevent or reduce skin absorption  |
| USA NIOSH                  | NIOSH REL (TWA) (mg/m <sup>3</sup> ) | 24 mg/m <sup>3</sup>   |
| USA NIOSH                  | NIOSH REL (TWA) (ppm)                | 5 ppm  |
| USA IDLH                   | US IDLH (ppm)                        | 700 ppm  |
| Alberta                    | OEL TWA (mg/m <sup>3</sup> )         | 97 mg/m <sup>3</sup>   |
| Alberta                    | OEL TWA (ppm)                        | 20 ppm   |
| British Columbia           | OEL TWA (ppm)                        | 20 ppm   |
| Manitoba                   | OEL TWA (ppm)                        | 20 ppm   |
| New Brunswick              | OEL TWA (mg/m <sup>3</sup> )         | 121 mg/m <sup>3</sup>  |
| New Brunswick              | OEL TWA (ppm)                        | 25 ppm   |
| Newfoundland & Labrador    | OEL TWA (ppm)                        | 20 ppm   |
| Nova Scotia                | OEL TWA (ppm)                        | 20 ppm   |
| Nunavut                    | OEL STEL (mg/m <sup>3</sup> )        | 360 mg/m <sup>3</sup>  |
| Nunavut                    | OEL STEL (ppm)                       | 75 ppm   |
| Nunavut                    | OEL TWA (mg/m <sup>3</sup> )         | 120 mg/m <sup>3</sup>  |
| Nunavut                    | OEL TWA (ppm)                        | 25 ppm   |
| Northwest Territories      | OEL STEL (ppm)                       | 30 ppm   |
| Northwest Territories      | OEL TWA (ppm)                        | 20 ppm   |
| Ontario                    | OEL TWA (ppm)                        | 20 ppm   |
| Prince Edward Island       | OEL TWA (ppm)                        | 20 ppm   |
| Québec                     | VEMP (mg/m <sup>3</sup> )            | 97 mg/m <sup>3</sup>   |
| Québec                     | VEMP (ppm)                           | 20 ppm   |
| Saskatchewan               | OEL STEL (ppm)                       | 30 ppm   |
| Saskatchewan               | OEL TWA (ppm)                        | 20 ppm   |
| Yukon                      | OEL STEL (mg/m <sup>3</sup> )        | 720 mg/m <sup>3</sup>  |
| Yukon                      | OEL STEL (ppm)                       | 150 ppm  |
| Yukon                      | OEL TWA (mg/m <sup>3</sup> )         | 240 mg/m <sup>3</sup>  |
| Yukon                      | OEL TWA (ppm)                        | 50 ppm   |

#### Exposure Controls

**Appropriate Engineering Controls:** Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Ensure adequate ventilation, especially in confined areas. Ensure all national/local regulations are observed.

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**Materials for Protective Clothing:** Gloves. Protective clothing. Protective goggles. Face shield. Insufficient ventilation: wear respiratory protection.



**Materials for Protective Clothing:** Chemically resistant materials and fabrics. Corrosion-proof clothing.

**Hand Protection:** Wear protective gloves.

**Eye Protection:** Chemical safety goggles and face shield.

**Skin and Body Protection:** Wear suitable protective clothing.

**Respiratory Protection:** In case of insufficient ventilation, wear suitable respiratory equipment.

**Other Information:** When using, do not eat, drink or smoke

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### Information on Basic Physical and Chemical Properties

|  |                     |
|--|---------------------|
| Physical State                         | : Liquid            |
| Appearance                             | : Slight Amber      |
| Odor                                   | : Characteristic    |
| Odor Threshold                         | : Not available     |
| pH                                     | : 1                 |
| Evaporation Rate                       | : Not available     |
| Melting Point                          | : Not available     |
| Freezing Point                         | : Not available     |
| Boiling Point                          | : Not available     |
| Flash Point                            | : Not available     |
| Auto-ignition Temperature              | : Not available     |
| Decomposition Temperature              | : Not available     |
| Flammability (solid, gas)              | : Not available     |
| Lower Flammable Limit                  | : Not available     |
| Upper Flammable Limit                  | : Not available     |
| Vapor Pressure                         | : Not available     |
| Relative Vapor Density at 20°C         | : Not available     |
| Relative Density                       | : Not available     |
| Specific Gravity                       | : 1.07              |
| Solubility                             | : Soluble in water. |
| Partition Coefficient: N-Octanol/Water | : Not available     |
| Viscosity                              | : Not available     |

## SECTION 10: STABILITY AND REACTIVITY

**Reactivity:** May react exothermically with water releasing heat. Adding an acid to a base or base to an acid may cause a violent reaction. This product may react in the presence of chlorates or nitrates. Contact with hypochlorites will liberate toxic gases.

**Chemical Stability:** Stable under recommended handling and storage conditions (see section 7).

**Possibility of Hazardous Reactions:** Hazardous polymerization will not occur.

**Conditions to Avoid:** Direct sunlight, extremely high or low temperatures, and incompatible materials.

**Incompatible Materials:** Alkalis. Strong bases. Strong oxidizers such as chlorates, bromates, and nitrates. Hypochlorites. Cyanides. Sulfides. Reactive metals.

**Hazardous Decomposition Products:** Under normal conditions of storage and use, hazardous decomposition products should not be produced.

## SECTION 11: TOXICOLOGICAL INFORMATION

### Information on Toxicological Effects - Product

**Acute Toxicity (Oral):** Not classified

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**Acute Toxicity (Dermal):** Not classified

**Acute Toxicity (Inhalation):** Not classified

**LD50 and LC50 Data:** Not available

**Skin Corrosion/Irritation:** Causes severe skin burns and eye damage.

**pH:** 1

**Eye Damage/Irritation:** Causes serious eye damage.

**pH:** 1

**Respiratory or Skin Sensitization:** Not classified

**Germ Cell Mutagenicity:** Not classified

**Carcinogenicity:** Not classified

**Specific Target Organ Toxicity (Repeated Exposure):** Not classified

**Reproductive Toxicity:** Not classified

**Specific Target Organ Toxicity (Single Exposure):** Not classified

**Aspiration Hazard:** Not classified

**Symptoms/Injuries After Inhalation:** May be corrosive to the respiratory tract.

**Symptoms/Injuries After Skin Contact:** Causes severe irritation which will progress to chemical burns.

**Symptoms/Injuries After Eye Contact:** Causes permanent damage to the cornea, iris, or conjunctiva.

**Symptoms/Injuries After Ingestion:** May cause burns or irritation of the linings of the mouth, throat, and gastrointestinal tract. Ingestion is likely to be harmful or have adverse effects.

**Chronic Symptoms:** None known

### Information on Toxicological Effects - Ingredient(s)

**LD50 and LC50 Data:**

|  |                            |
|--|----------------------------|
| <b>Urea, monohydrochloride (506-89-8)</b>        |                            |
| LD50 Oral Rat                                    | 500 mg/kg                  |
| <b>2-Butoxyethanol (111-76-2)</b>                |                            |
| LD50 Oral Rat                                    | 470 mg/kg                  |
| LC50 Inhalation Rat                              | 450 ppm/4h                 |
| ATE US/CA (dermal)                               | 1,100.00 mg/kg body weight |
| ATE US/CA (vapors)                               | 11.00 mg/l/4h              |
| <b>Alcohols, C9-11, ethoxylated (68439-46-3)</b> |                            |
| LD50 Oral Rat                                    | 1400 mg/kg                 |
| LD50 Dermal Rat                                  | > 2 g/kg                   |
| <b>2-Butoxyethanol (111-76-2)</b>                |                            |
| IARC Group                                       | 3                          |

## SECTION 12: ECOLOGICAL INFORMATION

### Toxicity

**Ecology - General:** Not classified.

|  |   |
|--|---|
| <b>2-Butoxyethanol (111-76-2)</b>                |   |
| LC50 Fish 1                                      | 1490 mg/l (Exposure time: 96 h - Species: Lepomis macrochirus [static]) |
| EC50 Daphnia 1                                   | 1000 mg/l (Exposure time: 48 h - Species: Daphnia magna)                |
| LC50 Fish 2                                      | 2950 mg/l (Exposure time: 96 h - Species: Lepomis macrochirus)          |
| <b>Alcohols, C9-11, ethoxylated (68439-46-3)</b> |   |
| LC50 Fish 1                                      | 6 - 12 mg/l (Exposure time : 96 h - Species: Pimephales promelas)       |
| EC50 Daphnia 1                                   | 2.217 - 3.523 (Exposure time: 48 h - Species: Daphnia magna)            |

### Persistence and Degradability

|  |                  |
|--|------------------|
| <b>PROStar Fast Action Grout Cleaner</b> |                  |
| Persistence and Degradability            | Not established. |
| <b>Bioaccumulative Potential</b>         |                  |
| <b>PROStar Fast Action Grout Cleaner</b> |                  |
| Bioaccumulative Potential                | Not established. |

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|                                   |                 |
|-----------------------------------|-----------------|
| <b>2-Butoxyethanol (111-76-2)</b> |                 |
| <b>Log Pow</b>                    | 0.81 (at 25 °C) |

**Mobility in Soil** Not available

## Other Adverse Effects

**Other Information:** Avoid release to the environment.

## SECTION 13: DISPOSAL CONSIDERATIONS

**Waste Disposal Recommendations:** Dispose of contents/container in accordance with local, regional, national, territorial, provincial, and international regulations

**Additional Information:** Container may remain hazardous when empty. Continue to observe all precautions.

**Ecology - Waste Materials:** Avoid release to the environment.

## SECTION 14: TRANSPORT INFORMATION

The shipping description(s) stated herein were prepared in accordance with certain assumptions at the time the SDS was authored, and can vary based on a number of variables that may or may not have been known at the time the SDS was issued.

### In Accordance with DOT

**Proper Shipping Name** : CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S. (Urea, monohydrochloride)  
**Hazard Class** : 8  
**Identification Number** : UN3264  
**Label Codes** : 8  
**Packing Group** : III  
**ERG Number** : 154  
**Marine Pollutant** : No  
**Other Information** : This product meets the limited quantities exemption as follows: DOT: Not regulated as dangerous goods when shipped in inner packagings equal to or less than 5L. Otherwise, the above descriptions apply.



### In Accordance with IMDG

**Proper Shipping Name** : CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S. (Urea, monohydrochloride)  
**Hazard Class** : 8  
**Identification Number** : UN3264  
**Label Codes** : 8  
**Packing Group** : III  
**EmS-No. (Fire)** : F-A  
**EmS-No. (Spillage)** : S-B  
**Marine Pollutant** : No



### In Accordance with IATA

**Proper Shipping Name** : CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S. (Urea, monohydrochloride)  
**Identification Number** : 8  
**Hazard Class** : UN3264  
**Label Codes** : 8  
**Packing Group** : III  
**ERG Code (IATA)** : 8L



### In Accordance with TDG

**Proper Shipping Name** : CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S. (Urea, monohydrochloride)  
**Hazard Class** : 8  
**Identification Number** : UN3264  
**Label Codes** : 8  
**Packing Group** : III  
**Marine Pollutant** : No



## SECTION 15: REGULATORY INFORMATION

### US Federal Regulations

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|  |                                 |
|--|---------------------------------|
| <b>PROStar Fast Action Grout Cleaner</b>   |                                 |
| <b>SARA Section 311/312 Hazard Classes</b>   | Immediate (acute) health hazard |
| <b>Urea, monohydrochloride (506-89-8)</b>  |                                 |
| Listed on the United States TSCA (Toxic Substances Control Act) inventory  |                                 |
| <b>2-Butoxyethanol (111-76-2)</b>  |                                 |
| Listed on the United States TSCA (Toxic Substances Control Act) inventory  |                                 |
| <b>Alcohols, C9-11, ethoxylated (68439-46-3)</b>   |                                 |
| Listed on the United States TSCA (Toxic Substances Control Act) inventory  |                                 |
| <b>US State Regulations</b>  |                                 |
| <b>2-Butoxyethanol (111-76-2)</b>  |                                 |
| U.S. - California - SCAQMD - Toxic Air Contaminants - Non-Cancer Acute<br>U.S. - California - Toxic Air Contaminant List (AB 1807, AB 2728)<br>U.S. - Colorado - Groundwater Quality Standards<br>U.S. - Connecticut - Hazardous Air Pollutants - HLVs (30 min)<br>U.S. - Connecticut - Hazardous Air Pollutants - HLVs (8 hr)<br>U.S. - Idaho - Non-Carcinogenic Toxic Air Pollutants - Acceptable Ambient Concentrations<br>U.S. - Idaho - Non-Carcinogenic Toxic Air Pollutants - Emission Levels (ELs)<br>U.S. - Idaho - Occupational Exposure Limits - TWAs<br>U.S. - Massachusetts - Oil & Hazardous Material List - Groundwater Reportable Concentration - Reporting Category 1<br>U.S. - Massachusetts - Oil & Hazardous Material List - Groundwater Reportable Concentration - Reporting Category 2<br>U.S. - Massachusetts - Oil & Hazardous Material List - Reportable Quantity<br>U.S. - Massachusetts - Oil & Hazardous Material List - Soil Reportable Concentration - Reporting Category 1<br>U.S. - Massachusetts - Oil & Hazardous Material List - Soil Reportable Concentration - Reporting Category 2<br>RTK - U.S. - Massachusetts - Right To Know List<br>U.S. - Michigan - Occupational Exposure Limits - Skin Designations<br>U.S. - Michigan - Occupational Exposure Limits - TWAs<br>U.S. - Minnesota - Chemicals of High Concern<br>U.S. - Minnesota - Hazardous Substance List<br>U.S. - Minnesota - Permissible Exposure Limits - Skin Designations<br>U.S. - Minnesota - Permissible Exposure Limits - TWAs<br>U.S. - New Hampshire - Regulated Toxic Air Pollutants - Ambient Air Levels (AALs) - 24-Hour<br>U.S. - New Hampshire - Regulated Toxic Air Pollutants - Ambient Air Levels (AALs) - Annual<br>RTK - U.S. - New Jersey - Right to Know Hazardous Substance List<br>U.S. - New Jersey - Special Health Hazards Substances List<br>U.S. - New York - Occupational Exposure Limits - Skin Designations<br>U.S. - New York - Occupational Exposure Limits - TWAs<br>U.S. - North Dakota - Air Pollutants - Guideline Concentrations - 8-Hour<br>U.S. - Oregon - Permissible Exposure Limits - Skin Designations<br>U.S. - Oregon - Permissible Exposure Limits - TWAs<br>U.S. - California - Safer Consumer Products - Initial List of Candidate Chemicals and Chemical Groups<br>RTK - U.S. - Pennsylvania - RTK (Right to Know) List<br>U.S. - Rhode Island - Air Toxics - Acceptable Ambient Levels - 1-Hour<br>U.S. - Rhode Island - Air Toxics - Acceptable Ambient Levels - Annual<br>U.S. - Tennessee - Occupational Exposure Limits - Skin Designations<br>U.S. - Tennessee - Occupational Exposure Limits - TWAs<br>U.S. - Texas - Effects Screening Levels - Long Term<br>U.S. - Texas - Effects Screening Levels - Short Term<br>U.S. - Vermont - Permissible Exposure Limits - Skin Designations<br>U.S. - Vermont - Permissible Exposure Limits - TWAs<br>U.S. - Washington - Permissible Exposure Limits - Skin Designations<br>U.S. - Washington - Permissible Exposure Limits - STELs<br>U.S. - Washington - Permissible Exposure Limits - TWAs<br>U.S. - Wisconsin - Hazardous Air Contaminants - All Sources - Emissions From Stack Heights 25 Feet to Less Than 40 Feet |                                 |



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U.S. - Wisconsin - Hazardous Air Contaminants - All Sources - Emissions From Stack Heights 40 Feet to Less Than 75 Feet  
 U.S. - Wisconsin - Hazardous Air Contaminants - All Sources - Emissions From Stack Heights 75 Feet or Greater  
 U.S. - Wisconsin - Hazardous Air Contaminants - All Sources - Emissions From Stack Heights Less Than 25 Feet

### Alcohols, C9-11, ethoxylated (68439-46-3)

U.S. - Texas - Effects Screening Levels - Long Term  
 U.S. - Texas - Effects Screening Levels - Short Term

### Canadian Regulations

#### Urea, monohydrochloride (506-89-8)

Listed on the Canadian DSL (Domestic Substances List)

#### 2-Butoxyethanol (111-76-2)

Listed on the Canadian DSL (Domestic Substances List)

### Alcohols, C9-11, ethoxylated (68439-46-3)

Listed on the Canadian DSL (Domestic Substances List)

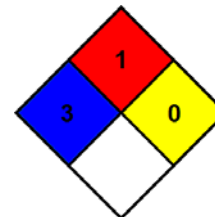
## SECTION 16: OTHER INFORMATION, INCLUDING DATE OF PREPARATION OR LAST REVISION

**Revision Date** : 09/13/2016  
**Other Information** : This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200 and Canada's Hazardous Products Regulations (HPR).

### GHS Full Text Phrases:

|                                 |  |
|---------------------------------|--|
| Acute Tox. 4 (Dermal)           | Acute toxicity (dermal) Category 4                             |
| Acute Tox. 4 (Inhalation:vapor) | Acute toxicity (inhalation:vapour) Category 4                  |
| Acute Tox. 4 (Oral)             | Acute toxicity (oral) Category 4                               |
| Aquatic Acute 2                 | Hazardous to the aquatic environment - Acute Hazard Category 2 |
| Eye Dam. 1                      | Serious eye damage/eye irritation Category 1                   |
| Eye Irrit. 2A                   | Serious eye damage/eye irritation Category 2A                  |
| Flam. Liq. 4                    | Flammable liquids Category 4                                   |
| Skin Corr. 1B                   | Skin corrosion/irritation Category 1B                          |
| Skin Irrit. 2                   | Skin corrosion/irritation Category 2                           |
| STOT SE 3                       | Specific target organ toxicity (single exposure) Category 3    |
| H227                            | Combustible liquid   |
| H302                            | Harmful if swallowed   |
| H312                            | Harmful in contact with skin                                   |
| H314                            | Causes severe skin burns and eye damage                        |
| H315                            | Causes skin irritation   |
| H318                            | Causes serious eye damage                                      |
| H319                            | Causes serious eye irritation                                  |
| H332                            | Harmful if inhaled   |
| H335                            | May cause respiratory irritation                               |
| H401                            | Toxic to aquatic life  |

**NFPA Health Hazard** : 3 - Short exposure could cause serious temporary or residual injury even though prompt medical attention was given.  
**NFPA Fire Hazard** : 1 - Must be preheated before ignition can occur.  
**NFPA Reactivity Hazard** : 0 - Normally stable, even under fire exposure conditions, and are not reactive with water.



*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.*

NA GHS SDS 2015 (US, Can, Mex)