



ProStar HD Cleaner & Degreaser

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).

Revision Date: 05/26/2016

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Version: 1.0

SECTION 1: IDENTIFICATION

Product Identifier

Product Form: Mixture

Product Name: ProStar HD Cleaner & Degreaser

Product Code: 1120XX

Intended Use of the Product

Cleaner

Name, Address, and Telephone of the Responsible Party

Starbrite® Inc.

4041 SW 47th Avenue

Fort Lauderdale, FL 33314

(954)587-6280

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.

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, and international regulations.

Other Hazards

Exposure may aggravate pre-existing eye, skin, or respiratory conditions.

Unknown Acute Toxicity (GHS-US/CA)

No data available

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SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Mixture

| Name | Product Identifier | % * | GHS Ingredient Classification |
|------------------|--------------------|---------------|---|
| Sodium hydroxide | (CAS No) 1310-73-2 | 4.005 - 4.819 | Met. Corr. 1, H290 Skin Corr. 1A, H314 Eye Dam. 1, H318 Aquatic Acute 3, H402 |
| 2-Butoxyethanol | (CAS No) 111-76-2 | 0.45 | Flam. Liq. 4, H227 Acute Tox. 4 (Oral), H302 Acute Tox. 3 (Dermal), H311 Acute Tox. 3 (Inhalation:vapor), H331 Skin Irrit. 2, H315 Eye Irrit. 2A, H319 |
| Tetrasodium EDTA | (CAS No) 64-02-8 | 0.37 - 0.41 | Comb. Dust Acute Tox. 4 (Oral), H302 Acute Tox. 4 (Inhalation:dust,mist), H332 Eye Dam. 1, H318 Aquatic Acute 2, H401 |

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.

Chronic Symptoms: None expected under normal conditions of use.

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 (CO₂).

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 considered flammable but may burn at high temperatures.

Explosion Hazard: Not explosive, but may release hydrogen gas on contact with some metals.

Reactivity: May react exothermically with water releasing heat. Adding an acid to a base or base to an acid may cause a violent reaction. Corrosive to metals.

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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 breathe fumes from fires or vapors from decomposition.

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

Hazardous Combustion Products: Thermal decomposition generates: Carbon oxides (CO, CO₂). Hydrogen. Hydrocarbons. Nitrogen oxides.

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. 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. Do not get in eyes, on skin, or on clothing. Do not breathe mist, spray, and vapors. 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. 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: Strong acids. Strong oxidizers. Metals. Water reactive materials.

Specific End Use(s) Cleaner

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.

Sodium hydroxide (1310-73-2)

| | | |
|---------------|---------------------------------------|---------------------------|
| Mexico | OEL Ceiling (mg/m³) | 2 mg/m³ |
|---------------|---------------------------------------|---------------------------|

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| | | |
|------------------------------------|--|--|
| USA ACGIH | ACGIH Ceiling (mg/m ³) | 2 mg/m ³ |
| USA OSHA | OSHA PEL (TWA) (mg/m ³) | 2 mg/m ³ |
| USA NIOSH | NIOSH REL (ceiling) (mg/m ³) | 2 mg/m ³ |
| USA IDIH | US IDLH (mg/m ³) | 10 mg/m ³ |
| Alberta | OEL Ceiling (mg/m ³) | 2 mg/m ³ |
| British Colombia | OEL Ceiling (mg/m ³) | 2 mg/m ³ |
| Manitoba | OEL Ceiling (mg/m ³) | 2 mg/m ³ |
| New Brunswick | OEL Ceiling (mg/m ³) | 2 mg/m ³ |
| Newfoundland & Labrador | OEL Ceiling (mg/m ³) | 2 mg/m ³ |
| Nova Scotia | OEL Ceiling (mg/m ³) | 2 mg/m ³ |
| Nunavut | OEL Ceiling (mg/m ³) | 2 mg/m ³ |
| Northwest Territories | OEL Ceiling (mg/m ³) | 2 mg/m ³ |
| Ontario | OEL Ceiling (mg/m ³) | 2 mg/m ³ |
| Prince Edward Island | OEL Ceiling (mg/m ³) | 2 mg/m ³ |
| Québec | PLAFOND (mg/m ³) | 2 mg/m ³ |
| Saskatchewan | OEL Ceiling (mg/m ³) | 2 mg/m ³ |
| Yukon | OEL Ceiling (mg/m ³) | 2 mg/m ³ |
| 2-Butoxyethanol (111-76-2) | | |
| Mexico | OEL TWA (mg/m ³) | 120 mg/m ³ |
| Mexico | OEL TWA (ppm) | 26 ppm |
| Mexico | OEL STEL (mg/m ³) | 360 mg/m ³ |
| 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 ³) | 240 mg/m ³ |
| 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 ³) | 24 mg/m ³ |
| USA NIOSH | NIOSH REL (TWA) (ppm) | 5 ppm |
| USA IDIH | US IDLH (ppm) | 700 ppm |
| Alberta | OEL TWA (mg/m ³) | 97 mg/m ³ |
| Alberta | OEL TWA (ppm) | 20 ppm |
| British Colombia | OEL TWA (ppm) | 20 ppm |
| Manitoba | OEL TWA (ppm) | 20 ppm |
| New Brunswick | OEL TWA (mg/m ³) | 121 mg/m ³ |
| 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 ³) | 360 mg/m ³ |
| Nunavut | OEL STEL (ppm) | 75 ppm |
| Nunavut | OEL TWA (mg/m ³) | 120 mg/m ³ |
| 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 ³) | 97 mg/m ³ |
| Québec | VEMP (ppm) | 20 ppm |

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| | | |
|--------------|-------------------------------|-----------------------|
| Saskatchewan | OEL STEL (ppm) | 30 ppm |
| Saskatchewan | OEL TWA (ppm) | 20 ppm |
| Yukon | OEL STEL (mg/m ³) | 720 mg/m ³ |
| Yukon | OEL STEL (ppm) | 150 ppm |
| Yukon | OEL TWA (mg/m ³) | 240 mg/m ³ |
| 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.

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.

Environmental Exposure Controls: Avoid release to the environment.

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 | : Purple |
| Odor | : Characteristic |
| Odor Threshold | : Not available |
| pH | : 13 |
| 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 | : 1.04 |
| 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. Corrosive to metals.

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Chemical Stability: Stable under recommended handling and storage conditions (see section 7). Normally stable but can become unstable at elevated temperatures and pressures.

Possibility of Hazardous Reactions: Hazardous polymerization will not occur.

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

Incompatible Materials: Strong acids. Strong oxidizers. Metals. Water reactive materials.

Hazardous Decomposition Products: Thermal decomposition generates: Corrosive vapors. Carbon oxides (CO, CO₂). Nitrogen oxides. Hydrogen. Hydrocarbons.

SECTION 11: TOXICOLOGICAL INFORMATION

Information on Toxicological Effects - Product

Acute Toxicity (Oral): Not classified

Acute Toxicity (Dermal): Not classified

Acute Toxicity (Inhalation): Not classified

ID50 and IC50 Data: Not available

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

pH: 13

Eye Damage/Irritation: Causes serious eye damage.

pH: 13

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 (Repeated 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.

Chronic Symptoms: None expected under normal conditions of use.

Information on Toxicological Effects - Ingredient(s)

ID50 and IC50 Data:

| | |
|-----------------------------------|--------------|
| Tetrasodium EDTA (64-02-8) | |
| ID50 Oral Rat | 1780 mg/kg |
| ATE US/CA (dust, mist) | 1.50 mg/l/4h |
| 2-Butoxyethanol (111-76-2) | |
| ID50 Oral Rat | 470 mg/kg |
| ID50 Dermal Rabbit | 220 mg/kg |
| IC50 Inhalation Rat | 3.84 mg/l/4h |
| IC50 Inhalation Rat | 450 ppm/4h |
| 2-Butoxyethanol (111-76-2) | |
| IARC Group | 3 |

SECTION 12: ECOLOGICAL INFORMATION

Toxicity

Ecology - General: Not classified.

| | |
|-------------------------------------|---|
| Tetrasodium EDTA (64-02-8) | |
| IC50 Fish 1 | 486 (Exposure time: 96 h - Species: Lepomis macrochirus) |
| EC50 Daphnia 1 | 625 mg/l (Exposure time: 24 h - Species: Daphnia magna) |
| IC50 Fish 2 | 59.8 mg/l (Exposure time: 96 h - Species: Pimephales promelas [static]) |
| ErC50 (algae) | 3 mg/l (exposure time: 96 h - Species: Green Algae) |
| Sodium hydroxide (1310-73-2) | |

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| | |
|----------------|---|
| LC50 Fish 1 | 45.4 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [static]) |
| EC50 Daphnia 1 | 40 mg/l |

| | |
|-----------------------------------|---|
| 2-Butoxyethanol (111-76-2) | |
| 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) |

Persistence and Degradability

| | |
|---|------------------|
| ProStar HD Cleaner & Degreaser | |
| Persistence and Degradability | Not established. |

Bioaccumulative Potential

| | |
|---|------------------|
| ProStar HD Cleaner & Degreaser | |
| Bioaccumulative Potential | Not established. |

| | |
|-----------------------------------|-------------------|
| Tetrasodium EDTA (64-02-8) | |
| Log Pow | 5.01 (calculated) |

| | |
|-----------------------------------|-----------------|
| 2-Butoxyethanol (111-76-2) | |
| Log Pow | 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

In Accordance with DOT

Proper Shipping Name : SODIUM HYDROXIDE SOLUTION
Hazard Class : 8
Identification Number : UN1824
Label Codes : 8
Packing Group : II
Marine Pollutant : No
ERG Number : 154
Limited Quantity : This product meets the limited quantity exceptions as follows: DOT: Not regulated as dangerous goods except when shipped in quantities greater than 1L. Otherwise, the above description applies.



In Accordance with IMDG

Proper Shipping Name : SODIUM HYDROXIDE SOLUTION
Hazard Class : 8
Identification Number : UN1824
Label Codes : 8
Packing Group : II
EmS-No. (Fire) : F-A
EmS-No. (Spillage) : S-B
Marine Pollutant : No



In Accordance with IATA

Proper Shipping Name : SODIUM HYDROXIDE SOLUTION
Identification Number : 8
Hazard Class : UN1824
Label Codes : 8
Packing Group : II



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ERG Code (IATA) : 8L
In Accordance with TDG
Proper Shipping Name : SODIUM HYDROXIDE SOLUTION
Hazard Class : 8
Identification Number : UN1824
Label Codes : 8
Packing Group : II
Marine Pollutant : No



SECTION 15: REGULATORY INFORMATION

US Federal Regulations

| | |
|---|---------------------------------|
| ProStar HD Cleaner & Degreaser | |
| SARA Section 311/312 Hazard Classes | Immediate (acute) health hazard |
| Tetrasodium EDTA (64-02-8) | |
| Listed on the United States TSCA (Toxic Substances Control Act) inventory | |
| Sodium hydroxide (1310-73-2) | |
| Listed on the United States TSCA (Toxic Substances Control Act) inventory | |
| 2-Butoxyethanol (111-76-2) | |
| Listed on the United States TSCA (Toxic Substances Control Act) inventory | |

US State Regulations

| |
|--|
| Tetrasodium EDTA (64-02-8) |
| U.S. - Texas - Effects Screening Levels - Long Term |
| U.S. - Texas - Effects Screening Levels - Short Term |
| Sodium hydroxide (1310-73-2) |
| U.S. - California - SCAQMD - Toxic Air Contaminants - Non-Cancer Acute |
| U.S. - California - Toxic Air Contaminant List (AB 1807, AB 2728) |
| U.S. - Connecticut - Hazardous Air Pollutants - HLVs (30 min) |
| U.S. - Connecticut - Hazardous Air Pollutants - HLVs (8 hr) |
| U.S. - Delaware - Pollutant Discharge Requirements - Reportable Quantities |
| U.S. - Idaho - Non-Carcinogenic Toxic Air Pollutants - Acceptable Ambient Concentrations |
| U.S. - Idaho - Non-Carcinogenic Toxic Air Pollutants - Emission Levels (ELs) |
| U.S. - Idaho - Occupational Exposure Limits - TWAs |
| U.S. - Louisiana - Reportable Quantity List for Pollutants |
| U.S. - Massachusetts - Oil & Hazardous Material List - Groundwater Reportable Concentration - Reporting Category 1 |
| U.S. - Massachusetts - Oil & Hazardous Material List - Groundwater Reportable Concentration - Reporting Category 2 |
| U.S. - Massachusetts - Oil & Hazardous Material List - Reportable Quantity |
| U.S. - Massachusetts - Oil & Hazardous Material List - Soil Reportable Concentration - Reporting Category 1 |
| U.S. - Massachusetts - Oil & Hazardous Material List - Soil Reportable Concentration - Reporting Category 2 |
| RTK - U.S. - Massachusetts - Right To Know List |
| U.S. - Massachusetts - Toxics Use Reduction Act |
| U.S. - Michigan - Occupational Exposure Limits - Ceilings |
| U.S. - Michigan - Polluting Materials List |
| U.S. - Minnesota - Chemicals of High Concern |
| U.S. - Minnesota - Hazardous Substance List |
| U.S. - Minnesota - Permissible Exposure Limits - Ceilings |
| U.S. - New Jersey - Discharge Prevention - List of Hazardous Substances |
| RTK - U.S. - New Jersey - Right to Know Hazardous Substance List |
| U.S. - New Jersey - Special Health Hazards Substances List |
| U.S. - New York - Occupational Exposure Limits - Ceilings |
| U.S. - New York - Reporting of Releases Part 597 - List of Hazardous Substances |
| U.S. - North Dakota - Air Pollutants - Guideline Concentrations - 1-Hour |
| U.S. - Oregon - Permissible Exposure Limits - TWAs |
| U.S. - California - Safer Consumer Products - Initial List of Candidate Chemicals and Chemical Groups |

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RTK - U.S. - Pennsylvania - RTK (Right to Know) - Environmental Hazard List
RTK - U.S. - Pennsylvania - RTK (Right to Know) List
U.S. - Rhode Island - Air Toxics - Acceptable Ambient Levels - 1-Hour
U.S. - Rhode Island - Air Toxics - Acceptable Ambient Levels - Annual
U.S. - South Carolina - Toxic Air Pollutants - Maximum Allowable Concentrations
U.S. - South Carolina - Toxic Air Pollutants - Pollutant Categories
U.S. - Tennessee - Occupational Exposure Limits - Ceilings
U.S. - Texas - Effects Screening Levels - Long Term
U.S. - Texas - Effects Screening Levels - Short Term
U.S. - Vermont - Permissible Exposure Limits - Ceilings
U.S. - Washington - Permissible Exposure Limits - Ceilings
U.S. - Wisconsin - Hazardous Air Contaminants - All Sources - Emissions From Stack Heights 25 Feet to Less Than 40 Feet
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

2-Butoxyethanol (111-76-2)

U.S. - California - SCAQMD - Toxic Air Contaminants - Non-Cancer Acute
U.S. - California - Toxic Air Contaminant List (AB 1807, AB 2728)
U.S. - Colorado - Groundwater Quality Standards
U.S. - Connecticut - Hazardous Air Pollutants - HLVs (30 min)
U.S. - Connecticut - Hazardous Air Pollutants - HLVs (8 hr)
U.S. - Idaho - Non-Carcinogenic Toxic Air Pollutants - Acceptable Ambient Concentrations
U.S. - Idaho - Non-Carcinogenic Toxic Air Pollutants - Emission Levels (ELs)
U.S. - Idaho - Occupational Exposure Limits - TWAs
U.S. - Massachusetts - Oil & Hazardous Material List - Groundwater Reportable Concentration - Reporting Category 1
U.S. - Massachusetts - Oil & Hazardous Material List - Groundwater Reportable Concentration - Reporting Category 2
U.S. - Massachusetts - Oil & Hazardous Material List - Reportable Quantity
U.S. - Massachusetts - Oil & Hazardous Material List - Soil Reportable Concentration - Reporting Category 1
U.S. - Massachusetts - Oil & Hazardous Material List - Soil Reportable Concentration - Reporting Category 2
RTK - U.S. - Massachusetts - Right To Know List
U.S. - Michigan - Occupational Exposure Limits - Skin Designations
U.S. - Michigan - Occupational Exposure Limits - TWAs
U.S. - Minnesota - Chemicals of High Concern
U.S. - Minnesota - Hazardous Substance List
U.S. - Minnesota - Permissible Exposure Limits - Skin Designations
U.S. - Minnesota - Permissible Exposure Limits - TWAs
U.S. - New Hampshire - Regulated Toxic Air Pollutants - Ambient Air Levels (AALs) - 24-Hour
U.S. - New Hampshire - Regulated Toxic Air Pollutants - Ambient Air Levels (AALs) - Annual
RTK - U.S. - New Jersey - Right to Know Hazardous Substance List
U.S. - New Jersey - Special Health Hazards Substances List
U.S. - New York - Occupational Exposure Limits - Skin Designations
U.S. - New York - Occupational Exposure Limits - TWAs
U.S. - North Dakota - Air Pollutants - Guideline Concentrations - 8-Hour
U.S. - Oregon - Permissible Exposure Limits - Skin Designations
U.S. - Oregon - Permissible Exposure Limits - TWAs
U.S. - California - Safer Consumer Products - Initial List of Candidate Chemicals and Chemical Groups
RTK - U.S. - Pennsylvania - RTK (Right to Know) List
U.S. - Rhode Island - Air Toxics - Acceptable Ambient Levels - 1-Hour
U.S. - Rhode Island - Air Toxics - Acceptable Ambient Levels - Annual
U.S. - Tennessee - Occupational Exposure Limits - Skin Designations
U.S. - Tennessee - Occupational Exposure Limits - TWAs
U.S. - Texas - Effects Screening Levels - Long Term
U.S. - Texas - Effects Screening Levels - Short Term
U.S. - Vermont - Permissible Exposure Limits - Skin Designations

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U.S. - Vermont - Permissible Exposure Limits - TWAs
U.S. - Washington - Permissible Exposure Limits - Skin Designations
U.S. - Washington - Permissible Exposure Limits - STELs
U.S. - Washington - Permissible Exposure Limits - TWAs
U.S. - Wisconsin - Hazardous Air Contaminants - All Sources - Emissions From Stack Heights 25 Feet to Less Than 40 Feet
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

Canadian Regulations

Tetrasodium EDTA (64-02-8)

Listed on the Canadian DSL (Domestic Substances List)

Sodium hydroxide (1310-73-2)

Listed on the Canadian DSL (Domestic Substances List)

2-Butoxyethanol (111-76-2)

Listed on the Canadian DSL (Domestic Substances List)

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

Revision Date : 05/26/2016

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:

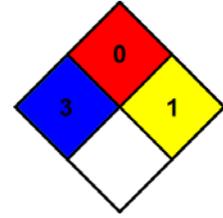
| | |
|-------------------------------------|--|
| Acute Tox. 3 (Dermal) | Acute toxicity (dermal) Category 3 |
| Acute Tox. 3 (Inhalation:vapor) | Acute toxicity (inhalation:vapor) Category 3 |
| Acute Tox. 4 (Inhalation:dust,mist) | Acute toxicity (inhalation:dust,mist) Category 4 |
| Acute Tox. 4 (Oral) | Acute toxicity (oral) Category 4 |
| Aquatic Acute 2 | Hazardous to the aquatic environment - Acute Hazard Category 2 |
| Aquatic Acute 3 | Hazardous to the aquatic environment - Acute Hazard Category 3 |
| Comb. Dust | Combustible Dust |
| 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 |
| Met. Corr. 1 | Corrosive to metals Category 1 |
| Skin Corr. 1A | Skin corrosion/irritation Category 1A |
| Skin Corr. 1B | Skin corrosion/irritation Category 1B |
| Skin Irrit. 2 | Skin corrosion/irritation Category 2 |
| H227 | Combustible liquid |
| Comb. Dust | May form combustible dust concentrations in air |
| H290 | May be corrosive to metals |
| H302 | Harmful if swallowed |
| H311 | Toxic 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 |
| H331 | Toxic if inhaled |
| H332 | Harmful if inhaled |
| H401 | Toxic to aquatic life |
| H402 | Harmful to aquatic life |

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- NFPA Health Hazard** : 3 - Short exposure could cause serious temporary or residual injury even though prompt medical attention was given.
- NFPA Fire Hazard** : 0 - Materials that will not burn.
- NFPA Reactivity Hazard** : 1 - Normally stable, but can become unstable at elevated temperatures and pressures or may react with water with some release of energy, but not violently.



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