



# SAFETY DATA SHEET

## 1. Identification

**Product number** 1000010691  
**Product identifier** **Gleme Gelled Baseboard Stripper**  
**Company information** Claire Manufacturing Co.  
1005 S. Westgate Drive  
Addison, IL 60101 United States  
**Company phone** General Assistance 1-630-543-7600  
**Emergency telephone US** 1-866-836-8855  
**Emergency telephone outside US** 1-952-852-4646  
**Version #** 01  
**Recommended use** Not available.  
**Recommended restrictions** None known.

## 2. Hazard(s) identification

**Physical hazards** Flammable aerosols Category 1  
**Health hazards** Skin corrosion/irritation Category 1  
Serious eye damage/eye irritation Category 1  
Sensitization, skin Category 1  
**Environmental hazards** Not classified.  
**OSHA defined hazards** Not classified.  
**Label elements**



**Signal word** Danger  
**Hazard statement** Causes severe skin burns and eye damage. Causes serious eye damage. Extremely flammable aerosol. May cause an allergic skin reaction.  
**Precautionary statement**  
**Prevention** Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Do not spray on an open flame or other ignition source. Pressurized container: Do not pierce or burn, even after use. Avoid breathing gas. Wash thoroughly after handling. Contaminated work clothing must not be allowed out of the workplace. Wear protective gloves/protective clothing/eye protection/face protection.  
**Response** If swallowed: Rinse mouth. Do NOT induce vomiting. If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. If inhaled: Remove person to fresh air and keep comfortable for breathing. 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. Specific treatment (see this label). If skin irritation or rash occurs: Get medical advice/attention. Wash contaminated clothing before reuse.  
**Storage** Store locked up. Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.  
**Disposal** Dispose of waste and residues in accordance with local authority requirements.  
**Hazard(s) not otherwise classified (HNOC)** None known.  
**Supplemental information** None.

## 3. Composition/information on ingredients

### Mixtures

| Chemical name   | Common name and synonyms | CAS number | %       |
|-----------------|--------------------------|------------|---------|
| 2-Butoxyethanol |                          | 111-76-2   | 20 - 40 |

| Chemical name                            | Common name and synonyms | CAS number | %        |
|--|--------------------------|------------|----------|
| Butane                                   |                          | 106-97-8   | 2.5 - 10 |
| Propane                                  |                          | 74-98-6    | 2.5 - 10 |
| Anhydrous Ammonia                        |                          | 7664-41-7  | 0.1 - 1  |
| Pine Oil                                 |                          | 8002-09-3  | 0.1 - 1  |
| Other components below reportable levels |                          |            | 60 - 80  |

\*Designates that a specific chemical identity and/or percentage of composition has been withheld as a trade secret.

#### 4. First-aid measures

|   |  |
|---|--|
| <b>Inhalation</b>   | Move to fresh air. Call a physician if symptoms develop or persist.  |
| <b>Skin contact</b>   | In case of eczema or other skin disorders: Seek medical attention and take along these instructions.   |
| <b>Eye contact</b>  | Rinse with water. Get medical attention if irritation develops and persists.   |
| <b>Ingestion</b>  | Rinse mouth. Get medical attention if symptoms occur.  |
| <b>Most important symptoms/effects, acute and delayed</b>                     | Burning pain and severe corrosive skin damage. Causes serious eye damage. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Permanent eye damage including blindness could result.  |
| <b>Indication of immediate medical attention and special treatment needed</b> | Provide general supportive measures and treat symptomatically. Chemical burns: Flush with water immediately. While flushing, remove clothes which do not adhere to affected area. Call an ambulance. Continue flushing during transport to hospital. Keep victim under observation. Symptoms may be delayed. |
| <b>General information</b>  | 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

|  |  |
|--|--|
| <b>Suitable extinguishing media</b>                                  | Powder. Alcohol resistant foam. Carbon dioxide (CO <sub>2</sub> ).   |
| <b>Unsuitable extinguishing media</b>                                | Do not use water jet as an extinguisher, as this will spread the fire.   |
| <b>Specific hazards arising from the chemical</b>                    | Contents under pressure. Pressurized container may explode when exposed to heat or flame.  |
| <b>Special protective equipment and precautions for firefighters</b> | Firefighters must use standard protective equipment including flame retardant coat, helmet with face shield, gloves, rubber boots, and in enclosed spaces, SCBA.   |
| <b>Fire-fighting equipment/instructions</b>                          | Move containers from fire area if you can do so without risk. Containers should be cooled with water to prevent vapor pressure build up. For massive fire in cargo area, use unmanned hose holder or monitor nozzles, if possible. If not, withdraw and let fire burn out. |
| <b>Specific methods</b>  | Use standard firefighting procedures and consider the hazards of other involved materials. Move containers from fire area if you can do so without risk. In the event of fire and/or explosion do not breathe fumes.   |
| <b>General fire hazards</b>  | Extremely flammable aerosol.   |

#### 6. Accidental release measures

|  |   |
|--|---|
| <b>Personal precautions, protective equipment and emergency procedures</b> | Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Keep out of low areas. Wear appropriate protective equipment and clothing during clean-up. Avoid breathing gas. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ventilate closed spaces before entering them. Local authorities should be advised if significant spillages cannot be contained. For personal protection, see section 8 of the SDS.   |
| <b>Methods and materials for containment and cleaning up</b>               | Refer to attached safety data sheets and/or instructions for use. Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Keep combustibles (wood, paper, oil, etc.) away from spilled material. Stop leak if you can do so without risk. Move the cylinder to a safe and open area if the leak is irreparable. Use water spray to reduce vapors or divert vapor cloud drift. Isolate area until gas has dispersed. Prevent entry into waterways, sewer, basements or confined areas. Following product recovery, flush area with water. For waste disposal, see section 13 of the SDS. |
| <b>Environmental precautions</b>   | Avoid discharge into drains, water courses or onto the ground.  |

## 7. Handling and storage

### Precautions for safe handling

Pressurized container: Do not pierce or burn, even after use. Do not use if spray button is missing or defective. Do not spray on a naked flame or any other incandescent material. Do not smoke while using or until sprayed surface is thoroughly dry. Do not cut, weld, solder, drill, grind, or expose containers to heat, flame, sparks, or other sources of ignition. All equipment used when handling the product must be grounded. Do not re-use empty containers. Do not get in eyes, on skin, or on clothing. Avoid breathing gas. Avoid prolonged exposure. Use only in well-ventilated areas. Wear appropriate personal protective equipment. Observe good industrial hygiene practices.

### Conditions for safe storage, including any incompatibilities

Level 1 Aerosol.

Store locked up. Pressurized container. Protect from sunlight and do not expose to temperatures exceeding 50°C/122 °F. Do not puncture, incinerate or crush. Do not handle or store near an open flame, heat or other sources of ignition. This material can accumulate static charge which may cause spark and become an ignition source. Refrigeration recommended. Store away from incompatible materials (see Section 10 of the SDS).

## 8. Exposure controls/personal protection

### Occupational exposure limits

#### US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)

| Components                        | Type | Value      |
|-----------------------------------|------|------------|
| 2-Butoxyethanol (CAS 111-76-2)    | PEL  | 240 mg/m3  |
|                                   |      | 50 ppm     |
| Anhydrous Ammonia (CAS 7664-41-7) | PEL  | 35 mg/m3   |
|                                   |      | 50 ppm     |
| Propane (CAS 74-98-6)             | PEL  | 1800 mg/m3 |
|                                   |      | 1000 ppm   |

#### US. ACGIH Threshold Limit Values

| Components                        | Type | Value    |
|-----------------------------------|------|----------|
| 2-Butoxyethanol (CAS 111-76-2)    | TWA  | 20 ppm   |
| Anhydrous Ammonia (CAS 7664-41-7) | STEL | 35 ppm   |
|                                   | TWA  | 25 ppm   |
| Butane (CAS 106-97-8)             | STEL | 1000 ppm |

#### US. NIOSH: Pocket Guide to Chemical Hazards

| Components                        | Type | Value      |
|-----------------------------------|------|------------|
| 2-Butoxyethanol (CAS 111-76-2)    | TWA  | 24 mg/m3   |
|                                   |      | 5 ppm      |
| Anhydrous Ammonia (CAS 7664-41-7) | STEL | 27 mg/m3   |
|                                   |      | 35 ppm     |
|                                   | TWA  | 18 mg/m3   |
|                                   |      | 25 ppm     |
| Butane (CAS 106-97-8)             | TWA  | 1900 mg/m3 |
|                                   |      | 800 ppm    |
| Propane (CAS 74-98-6)             | TWA  | 1800 mg/m3 |
|                                   |      | 1000 ppm   |

### Biological limit values

#### ACGIH Biological Exposure Indices

| Components                     | Value    | Determinant                              | Specimen            | Sampling Time |
|--------------------------------|----------|--|---------------------|---------------|
| 2-Butoxyethanol (CAS 111-76-2) | 200 mg/g | Butoxyacetic acid (BAA), with hydrolysis | Creatinine in urine | *             |

\* - For sampling details, please see the source document.

## Exposure guidelines

### US - California OELs: Skin designation

2-Butoxyethanol (CAS 111-76-2)

Can be absorbed through the skin.

### US - Minnesota Haz Subs: Skin designation applies

2-Butoxyethanol (CAS 111-76-2)

Skin designation applies.

### US - Tennessee OELs: Skin designation

2-Butoxyethanol (CAS 111-76-2)

Can be absorbed through the skin.

### US NIOSH Pocket Guide to Chemical Hazards: Skin designation

2-Butoxyethanol (CAS 111-76-2)

Can be absorbed through the skin.

### US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)

2-Butoxyethanol (CAS 111-76-2)

Can be absorbed through the skin.

## Appropriate engineering controls

Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level. Eye wash facilities and emergency shower must be available when handling this product.

## Individual protection measures, such as personal protective equipment

### Eye/face protection

Wear safety glasses with side shields (or goggles) and a face shield. Face shield is recommended.

### Hand protection

Wear appropriate chemical resistant gloves.

### Skin protection

#### Other

Wear appropriate chemical resistant clothing. Use of an impervious apron is recommended.

### Skin protection

### Respiratory protection

If permissible levels are exceeded use NIOSH mechanical filter / organic vapor cartridge or an air-supplied respirator.

### Thermal hazards

Wear appropriate thermal protective clothing, when necessary.

## General hygiene considerations

When using do not smoke. 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

Gas.

#### Form

Aerosol.

#### Color

Tan.

### Odor

Pine

### Odor threshold

Not available.

### pH

11.5 - 12.5 estimated

### Melting point/freezing point

Not available.

### Initial boiling point and boiling range

177.72 °F (80.96 °C) estimated

### Flash point

-156.0 °F (-104.4 °C) Propellant estimated

### Evaporation rate

Not available.

### Flammability (solid, gas)

Not available.

### Upper/lower flammability or explosive limits

#### Flammability limit - lower (%)

Not available.

#### Flammability limit - upper (%)

Not available.

#### Explosive limit - lower (%)

Not available.

#### Explosive limit - upper (%)

Not available.

### Vapor pressure

60 - 70 psig @70F estimated

### Vapor density

Not available.

|  |                           |
|--|---------------------------|
| <b>Relative density</b>                        | Not available.            |
| <b>Solubility(ies)</b>                         |                           |
| <b>Solubility (water)</b>                      | Not available.            |
| <b>Partition coefficient (n-octanol/water)</b> | Not available.            |
| <b>Auto-ignition temperature</b>               | 446 °F (230 °C) estimated |
| <b>Decomposition temperature</b>               | Not available.            |
| <b>Viscosity</b>                               | Not available.            |
| <b>Other information</b>                       |                           |
| <b>Specific gravity</b>                        | 0.997 - 1.006 estimated   |

## 10. Stability and reactivity

|   |   |
|---|---|
| <b>Reactivity</b>                         | Reacts violently with strong acids. This product may react with oxidizing agents.                                   |
| <b>Chemical stability</b>                 | Material is stable under normal conditions.   |
| <b>Possibility of hazardous reactions</b> | Hazardous polymerization does not occur.  |
| <b>Conditions to avoid</b>                | Avoid temperatures exceeding the flash point. Do not mix with other chemicals. Contact with incompatible materials. |
| <b>Incompatible materials</b>             | Acids. Strong oxidizing agents. Oxidizing agents. Nitrates. Fluorine. Chlorine.                                     |
| <b>Hazardous decomposition products</b>   | No hazardous decomposition products are known.  |

## 11. Toxicological information

### Information on likely routes of exposure

|   |   |
|---|---|
| <b>Ingestion</b>  | Causes digestive tract burns.   |
| <b>Inhalation</b>   | May cause irritation to the respiratory system. Prolonged inhalation may be harmful.  |
| <b>Skin contact</b>   | Causes severe skin burns. May cause an allergic skin reaction.  |
|   | 2-Butoxy ethanol may be absorbed through the skin in toxic amounts if contact is repeated and prolonged. These effects have not been observed in humans.  |
| <b>Eye contact</b>  | Causes serious eye damage.  |
| <b>Symptoms related to the physical, chemical and toxicological characteristics</b> | Burning pain and severe corrosive skin damage. Causes serious eye damage. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Permanent eye damage including blindness could result. |

### Information on toxicological effects

|                       |                                      |
|-----------------------|--------------------------------------|
| <b>Acute toxicity</b> | May cause an allergic skin reaction. |
|-----------------------|--------------------------------------|

| Components                     | Species    | Test Results           |
|--------------------------------|------------|------------------------|
| 2-Butoxyethanol (CAS 111-76-2) |            |                        |
| <b>Acute</b>                   |            |                        |
| <i>Dermal</i>                  |            |                        |
| LD50                           | Guinea pig | 230 ml/kg, 24 Hours    |
|                                |            | 7.3 ml/kg, 4 Days      |
|                                | Rabbit     | 450 ml/kg, 24 Hours    |
|                                |            | 435 mg/kg, 24 Hours    |
|                                | Rat        | 0.63 ml/kg             |
|                                |            | > 2000 mg/kg, 24 Hours |
| <i>Inhalation</i>              |            |                        |
| LC50                           | Rabbit     | 400 ppm, 7 Hours       |
|                                | Rat        | 450 ppm, 4 Hours       |
| <i>Oral</i>                    |            |                        |
| LD100                          | Rabbit     | 695 mg/kg              |
| LD50                           | Dog        | > 695 mg/kg            |

| Components                                | Species    | Test Results                               |
|---|------------|--|
| Anhydrous Ammonia (CAS 7664-41-7)         | Guinea pig | 1200 mg/kg                                 |
|   | Rat        | 530 - 2800 mg/kg                           |
|   |            |  |
|   |            |  |
| <b>Acute</b><br><i>Inhalation</i><br>LC50 | Mouse      | 4230 ppm, If <1L: Consumer Commodity Hours |
|   | Rat        | 7939 mg/m3                                 |
|   |            | 4000 ppm, If <1L: Consumer Commodity Hours |
|   |            |  |
| <i>Oral</i><br>LD50                       | Rat        | 350 mg/kg                                  |
|   |            |  |
| Butane (CAS 106-97-8)                     |            |  |
|   |            |  |
|   |            |  |
|   |            |  |
| <b>Acute</b><br><i>Inhalation</i><br>LC50 | Mouse      | 1237 mg/l, 120 Minutes                     |
|   |            | 52 %, 120 Minutes                          |
|   | Rat        | 1355 mg/l                                  |
|   |            |  |
| Propane (CAS 74-98-6)                     |            |  |
|   |            |  |
|   |            |  |
|   |            |  |
| <b>Acute</b><br><i>Inhalation</i><br>LC50 | Mouse      | 1237 mg/l, 120 Minutes                     |
|   |            | 52 %, 120 Minutes                          |
|   | Rat        | 1355 mg/l                                  |
|   |            | 658 mg/l/4h                                |

\* Estimates for product may be based on additional component data not shown.

**Skin corrosion/irritation** Causes severe skin burns and eye damage.

**Serious eye damage/eye irritation** Causes serious eye damage.

#### Respiratory or skin sensitization

**Respiratory sensitization** Not available.

**Skin sensitization** May cause an allergic skin reaction.

**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

2-Butoxyethanol (CAS 111-76-2)

3 Not classifiable as to carcinogenicity to humans.

#### OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)

Not listed.

**Reproductive toxicity** This product is not expected to cause reproductive or developmental effects.

**Specific target organ toxicity - single exposure** Not classified.

**Specific target organ toxicity - repeated exposure** Not classified.

**Aspiration hazard** Not likely, due to the form of the product.

**Chronic effects** Prolonged inhalation may be harmful. May be harmful if absorbed through skin.

2-Butoxy ethanol may be absorbed through the skin in toxic amounts if contact is repeated and prolonged. These effects have not been observed in humans.

## 12. Ecological information

**Ecotoxicity** The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

| Components                        | Species | Test Results   |
|-----------------------------------|---------|--|
| 2-Butoxyethanol (CAS 111-76-2)    |         |  |
| <b>Aquatic</b>                    |         |  |
| Fish                              | LC50    | Inland silverside (Menidia beryllina) 1250 mg/l, 96 hours            |
| Anhydrous Ammonia (CAS 7664-41-7) |         |  |
| <b>Aquatic</b>                    |         |  |
| Fish                              | LC50    | Chinook salmon (Oncorhynchus tshawytscha) 0.43 - 0.47 mg/l, 96 hours |

\* Estimates for product may be based on additional component data not shown.

**Persistence and degradability** No data is available on the degradability of this product.

**Bioaccumulative potential** No data available.

**Partition coefficient n-octanol / water (log Kow)**

|                 |      |
|-----------------|------|
| 2-Butoxyethanol | 0.83 |
| Butane          | 2.89 |
| Propane         | 2.36 |

**Mobility in soil** No data available.

**Other adverse effects** No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.

## 13. Disposal considerations

**Disposal instructions** Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Contents under pressure. Do not puncture, incinerate or crush. Dispose of contents/container in accordance with local/regional/national/international regulations.

**Local disposal regulations** Dispose in accordance with all applicable regulations.

**Hazardous waste code** The waste code should be assigned in discussion between the user, the producer and the waste disposal company.

**Waste from residues / unused products** 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: Disposal instructions).

**Contaminated packaging** Empty containers should be taken to an approved waste handling site for recycling or disposal. Since emptied containers may retain product residue, follow label warnings even after container is emptied. Do not re-use empty containers.

## 14. Transport information

### DOT

|                                     |   |
|-------------------------------------|---|
| <b>UN number</b>                    | UN1950  |
| <b>UN proper shipping name</b>      | Aerosols, flammable   |
| <b>Transport hazard class(es)</b>   |   |
| Class                               | 2.1   |
| Subsidiary risk                     | -   |
| Label(s)                            | 2.1   |
| <b>Packing group</b>                | Not applicable.   |
| <b>Special precautions for user</b> | Read safety instructions, SDS and emergency procedures before handling. Read safety instructions, SDS and emergency procedures before handling. |
| <b>Special provisions</b>           | N82   |
| <b>Packaging exceptions</b>         | 306   |
| <b>Packaging non bulk</b>           | None  |
| <b>Packaging bulk</b>               | None  |

This product meets the exception requirements of section 173.306 as a limited quantity and may be shipped as a limited quantity. Until 12/31/2020, the "Consumer Commodity - ORM-D" marking may still be used in place of the new limited quantity diamond mark for packages of UN 1950 Aerosols. Limited quantities require the limited quantity diamond mark on cartons after 12/31/20 and may be used now in place of the "Consumer Commodity ORM-D" marking and both may be displayed concurrently.

### IATA

|                                |                     |
|--------------------------------|---------------------|
| <b>UN number</b>               | UN1950              |
| <b>UN proper shipping name</b> | Aerosols, flammable |

**Transport hazard class(es)****Class** 2.1**Subsidiary risk** -**Label(s)** 2.1**Packing group** Not applicable.**Environmental hazards** No.**ERG Code** 10L**Special precautions for user** Read safety instructions, SDS and emergency procedures before handling. Read safety instructions, SDS and emergency procedures before handling.**Other information****Passenger and cargo aircraft** Allowed.**Cargo aircraft only** Allowed.**Packaging Exceptions** LTD QTY**IMDG****UN number** UN1950**UN proper shipping name** AEROSOLS**Transport hazard class(es)****Class** 2.1**Subsidiary risk** -**Label(s)** 2.1**Packing group** Not applicable.**Environmental hazards****Marine pollutant** No.**EmS** F-D, S-U**Special precautions for user** Read safety instructions, SDS and emergency procedures before handling. Read safety instructions, SDS and emergency procedures before handling.**Packaging Exceptions** LTD QTY**Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code** Not applicable.**DOT****IATA; IMDG****15. Regulatory information****US federal regulations**

This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

All components are on the U.S. EPA TSCA Inventory List.

**TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)**

Not regulated.



**CERCLA Hazardous Substance List (40 CFR 302.4)**

Anhydrous Ammonia (CAS 7664-41-7) Listed.

**SARA 304 Emergency release notification**

Anhydrous Ammonia (CAS 7664-41-7) 100 LBS

**OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)**

Not listed.

**Superfund Amendments and Reauthorization Act of 1986 (SARA)**

**Hazard categories**  
Immediate Hazard - Yes  
Delayed Hazard - No  
Fire Hazard - Yes  
Pressure Hazard - Yes  
Reactivity Hazard - No

**SARA 302 Extremely hazardous substance**

| Chemical name | CAS number | Reportable quantity | Threshold planning quantity | Threshold planning quantity, lower value | Threshold planning quantity, upper value |
|---------------|------------|---------------------|-----------------------------|--|--|
|---------------|------------|---------------------|-----------------------------|--|--|

|                   |           |     |          |  |  |
|-------------------|-----------|-----|----------|--|--|
| Anhydrous Ammonia | 7664-41-7 | 100 | 500 lbs  |  |  |
| Ethylene Oxide    | 75-21-8   | 10  | 1000 lbs |  |  |

**SARA 311/312 Hazardous chemical** No

**SARA 313 (TRI reporting)**

| Chemical name     | CAS number | % by wt.   |
|-------------------|------------|------------|
| Anhydrous Ammonia | 7664-41-7  | 0.1 - 1    |
| Ethylene Glycol   | 107-21-1   | 0.1 - 1    |
| 1,4-Dioxane       | 123-91-1   | 0.01 - 0.1 |
| Ethylene Oxide    | 75-21-8    | 0.01 - 0.1 |

**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)**

Anhydrous Ammonia (CAS 7664-41-7)  
Butane (CAS 106-97-8)  
Propane (CAS 74-98-6)

**Safe Drinking Water Act (SDWA)** Not regulated.

**US state regulations****US. Massachusetts RTK - Substance List**

2-Butoxyethanol (CAS 111-76-2)  
Anhydrous Ammonia (CAS 7664-41-7)  
Butane (CAS 106-97-8)  
Propane (CAS 74-98-6)

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

2-Butoxyethanol (CAS 111-76-2)  
Anhydrous Ammonia (CAS 7664-41-7)  
Butane (CAS 106-97-8)  
Pine Oil (CAS 8002-09-3)  
Propane (CAS 74-98-6)

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

2-Butoxyethanol (CAS 111-76-2)  
Anhydrous Ammonia (CAS 7664-41-7)  
Butane (CAS 106-97-8)  
Propane (CAS 74-98-6)

**US. Rhode Island RTK**

Anhydrous Ammonia (CAS 7664-41-7)  
Butane (CAS 106-97-8)  
Propane (CAS 74-98-6)

**US. California Proposition 65**

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

**US - California Proposition 65 - CRT: Listed date/Carcinogenic substance**

1,4-Dioxane (CAS 123-91-1)

Listed: January 1, 1988

Ethylene Oxide (CAS 75-21-8)

Listed: July 1, 1987

**US - California Proposition 65 - CRT: Listed date/Developmental toxin**

Ethylene Oxide (CAS 75-21-8)

Listed: August 7, 2009

**US - California Proposition 65 - CRT: Listed date/Female reproductive toxin**

Ethylene Oxide (CAS 75-21-8)

Listed: February 27, 1987

**US - California Proposition 65 - CRT: Listed date/Male reproductive toxin**

Ethylene Oxide (CAS 75-21-8)

Listed: August 7, 2009

**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)   | Yes                    |
| Canada                      | Non-Domestic Substances List (NDSL)                                    | No                     |
| 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 that all components of this product comply 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** 05-23-2015

**Version #** 01

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