SAFETY DATA SHEET

1. Identification

Product identifier: GRILL & OVEN CLEANER

Other means of identification
SDS number: RE1000010930

Recommended restrictions
Product use: Cleaner
Restrictions on use: Not known.

Manufacturer/Importer/Distributor Information

Manufacturer
Company Name: CLAIRE MANUFACTURING COMPANY
Address: 1000 Integram Dr
Pacific, MO 63069
Telephone: 1-630-543-7600
Fax: 

Emergency telephone number: 1-866-836-8855

2. Hazard(s) identification

Hazard Classification

Physical Hazards
Flammable aerosol Category 1
Gases under pressure Liquefied gas

Health Hazards
Skin Corrosion/Irritation Category 1A
Serious Eye Damage/Eye Irritation Category 1

Label Elements

Hazard Symbol:

Signal Word: Danger

Hazard Statement:
Extremely flammable aerosol.
Causes severe skin burns and eye damage.
Contains gas under pressure; may explode if heated.
Precautionary Statements

Prevention: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Do not spray on an open flame or other ignition source. Do not pierce or burn, even after use. Do not breathe dust/fume/gas/mist/vapors/spray. Wash thoroughly after handling. Wear protective gloves/protective clothing/eye protection/face protection.

Response: 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. IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower]. IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. Immediately call a POISON CENTER/doctor. Specific treatment (see on this label). Wash contaminated clothing before reuse.

Storage: Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F. Store locked up.

Disposal: Dispose of contents/container to an appropriate treatment and disposal facility in accordance with applicable laws and regulations, and product characteristics at time of disposal.

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

3. Composition/information on ingredients

Mixtures

<table>
<thead>
<tr>
<th>Chemical Identity</th>
<th>CAS number</th>
<th>Content in percent (%)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ethanol, 2-(2-butoxyethoxy)-</td>
<td>112-34-5</td>
<td>5 - &lt;10%</td>
</tr>
<tr>
<td>Sodium hydroxide (Na(OH))</td>
<td>1310-73-2</td>
<td>5 - &lt;10%</td>
</tr>
<tr>
<td>Propane</td>
<td>74-98-6</td>
<td>1 - &lt;5%</td>
</tr>
<tr>
<td>Butane</td>
<td>106-97-8</td>
<td>1 - &lt;5%</td>
</tr>
</tbody>
</table>

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

4. First-aid measures

Ingestion: Call a physician or poison control center immediately. Rinse mouth. Never give liquid to an unconscious person. Do not induce vomiting without advice from poison control center.

Inhalation: Call a physician or poison control center immediately. If breathing stops, provide artificial respiration. Move to fresh air. If breathing is difficult, give oxygen.

Skin Contact: Symptoms may be delayed. Important to remove the substance from the skin immediately. Wash off promptly and flush contaminated skin with water. Promptly remove clothing if soaked through and flush skin with water. Call a physician or poison control center immediately. Immediately flush with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Destroy or thoroughly clean contaminated shoes.
Eye contact: Immediately flush with plenty of water for at least 15 minutes. If easy to do, remove contact lenses. Call a physician or poison control center immediately.

Most important symptoms/effects, acute and delayed

Symptoms: No data available.
Hazards: No data available.

Indication of immediate medical attention and special treatment needed

Treatment: No data available.

5. Fire-fighting measures

General Fire Hazards: Use water spray to keep fire-exposed containers cool. Fight fire from a protected location. Move containers from fire area if you can do so without risk.

Suitable (and unsuitable) extinguishing media

Suitable extinguishing media: Use fire-extinguishing media appropriate for surrounding materials.

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

Specific hazards arising from the chemical: Vapors may travel considerable distance to a source of ignition and flash back.

Special protective equipment and precautions for firefighters

Special fire fighting procedures: No data available.

Special protective equipment for fire-fighters: Firefighters must use standard protective equipment including flame retardant coat, helmet with face shield, gloves, rubber boots, and in enclosed spaces, SCBA.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures: Ventilate closed spaces before entering them. ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area). Keep upwind. See Section 8 of the SDS for Personal Protective Equipment. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Keep unauthorized personnel away.

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

Notification Procedures: Prevent entry into waterways, sewer, basements or confined areas. Stop the flow of material, if this is without risk. ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area). Stop leak if you can do so without risk.
Environmental Precautions: Do not contaminate water sources or sewer. Prevent further leakage or spillage if safe to do so.

7. Handling and storage

Precautions for safe handling: Do not get in eyes. Wash hands thoroughly after handling. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Do not spray on an open flame or other ignition source. Do not pierce or burn, even after use. Do not get in eyes, on skin, on clothing.

Conditions for safe storage, including any incompatibilities: Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50°C. Do not pierce or burn, even after use. Store locked up. Aerosol Level 3

8. Exposure controls/personal protection

Control Parameters

<table>
<thead>
<tr>
<th>Chemical Identity</th>
<th>Type</th>
<th>Exposure Limit Values</th>
<th>Source</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ethanol, 2-(2-butoxyethoxy)-</td>
<td>ST ESL</td>
<td>670 µg/m3</td>
<td>US. Texas. Effects Screening Levels (Texas Commission on Environmental Quality) (11 2016)</td>
</tr>
<tr>
<td></td>
<td>ST ESL</td>
<td>100 ppb</td>
<td>US. Texas. Effects Screening Levels (Texas Commission on Environmental Quality) (11 2016)</td>
</tr>
<tr>
<td></td>
<td>AN ESL</td>
<td>10 ppb</td>
<td>US. Texas. Effects Screening Levels (Texas Commission on Environmental Quality) (11 2016)</td>
</tr>
<tr>
<td></td>
<td>AN ESL</td>
<td>67 µg/m3</td>
<td>US. Texas. Effects Screening Levels (Texas Commission on Environmental Quality) (11 2016)</td>
</tr>
<tr>
<td>Ethanol, 2-(2-butoxyethoxy)-</td>
<td>TWA</td>
<td>10 ppm</td>
<td>US. ACGIH Threshold Limit Values (03 2013)</td>
</tr>
<tr>
<td>Sodium hydroxide (Na(OH))</td>
<td>Ceiling</td>
<td>2 mg/m3</td>
<td>US. OSHA Table Z-1-A (29 CFR 1910.1000) (1989)</td>
</tr>
<tr>
<td></td>
<td>Ceiling</td>
<td>2 mg/m3</td>
<td>US. NIOSH: Pocket Guide to Chemical Hazards (2005)</td>
</tr>
<tr>
<td></td>
<td>Ceiling</td>
<td>2 mg/m3</td>
<td>US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000) (02 2006)</td>
</tr>
<tr>
<td></td>
<td>Ceiling</td>
<td>2 mg/m3</td>
<td>US. Tennessee. OELs. Occupational Exposure Limits, Table Z1A (06 2008)</td>
</tr>
<tr>
<td></td>
<td>Sodium hydroxide (Na(OH)) - Particulate.</td>
<td>2 µg/m3</td>
<td>US. Texas. Effects Screening Levels (Texas Commission on Environmental Quality) (11 2016)</td>
</tr>
<tr>
<td></td>
<td>ST ESL</td>
<td>20 µg/m3</td>
<td>US. Texas. Effects Screening Levels (Texas Commission on Environmental Quality) (11 2016)</td>
</tr>
<tr>
<td>Propane</td>
<td>REL</td>
<td>1,000 ppm 1,800 mg/m3</td>
<td>US. NIOSH: Pocket Guide to Chemical Hazards (2005)</td>
</tr>
<tr>
<td></td>
<td>PEL</td>
<td>1,000 ppm 1,800 mg/m3</td>
<td>US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000) (02 2006)</td>
</tr>
<tr>
<td></td>
<td>TWA PEL</td>
<td>1,000 ppm 1,800 mg/m3</td>
<td>US. California Code of Regulations, Title 8, Section 5155. Airborne Contaminants (09 2006)</td>
</tr>
<tr>
<td></td>
<td>TWA</td>
<td>1,000 ppm 1,800 mg/m3</td>
<td>US. Tennessee. OELs. Occupational Exposure Limits, Table Z1A (06 2008)</td>
</tr>
<tr>
<td>Butane</td>
<td>REL</td>
<td>800 ppm 1,900 mg/m3</td>
<td>US. NIOSH: Pocket Guide to Chemical Hazards (2005)</td>
</tr>
<tr>
<td></td>
<td>TWA</td>
<td>800 ppm 1,900 mg/m3</td>
<td>US. Tennessee. OELs. Occupational Exposure Limits, Table Z1A (06 2008)</td>
</tr>
<tr>
<td></td>
<td>STEL</td>
<td>1,000 ppm</td>
<td>US. ACGIH Threshold Limit Values (03 2018)</td>
</tr>
<tr>
<td></td>
<td>TWA</td>
<td>800 ppm 1,900 mg/m3</td>
<td>US. OSHA Table Z-1-A (29 CFR 1910.1000) (1989)</td>
</tr>
<tr>
<td></td>
<td>AN ESL</td>
<td>3,000 ppb</td>
<td>US. Texas. Effects Screening Levels (Texas Commission on Environmental Quality) (11 2016)</td>
</tr>
<tr>
<td></td>
<td>AN ESL</td>
<td>7,100 µg/m3</td>
<td>US. Texas. Effects Screening Levels (Texas Commission on Environmental Quality) (11 2016)</td>
</tr>
<tr>
<td></td>
<td>TWA PEL</td>
<td>800 ppm 1,900 mg/m3</td>
<td>US. California Code of Regulations, Title 8, Section 5155. Airborne Contaminants (09 2006)</td>
</tr>
</tbody>
</table>
### Biological Limit Values

<table>
<thead>
<tr>
<th>Chemical Identity</th>
<th>Exposure Limit Values</th>
<th>Source</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ethanol, 2-butoxy- (Butoxyacetic acid (BAA), with hydrolysis: Sampling time: End of shift.)</td>
<td>200 mg/g (Creatinine in urine)</td>
<td>ACGIH BEL (03 2013)</td>
</tr>
</tbody>
</table>

### Appropriate Engineering Controls

No data available.

### Individual protection measures, such as personal protective equipment

**General information:**
Provide easy access to water supply and eye wash facilities. 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. If exposure limits have not been established, maintain airborne levels to an acceptable level.

**Eye/face protection:**
Wear a full-face respirator, if needed. Wear safety glasses with side shields (or goggles) and a face shield.

**Skin Protection**

**Hand Protection:**
No data available.

**Other:**
Wear chemical-resistant gloves, footwear, and protective clothing appropriate for the risk of exposure. Contact health and safety professional or manufacturer for specific information.

**Respiratory Protection:**
In case of inadequate ventilation use suitable respirator. Seek advice from local supervisor.

**Hygiene measures:**
Do not get in eyes. Observe good industrial hygiene practices. When using do not smoke. Wash contaminated clothing before reuse. Do not get this material in contact with skin. Wash hands before breaks and immediately after handling the product.

9. Physical and chemical properties
1. Appearance

   Physical state: liquid
   Form: Spray Aerosol
   Color: No data available.
   Odor: No data available.
   Odor threshold: No data available.
   pH: No data available.

2. Melting point/freezing point: No data available.
3. Initial boiling point and boiling range: No data available.
4. Flash Point: -104.44 °C
5. Evaporation rate: No data available.
6. Flammability (solid, gas): No data available.

7. Upper/lower limit on flammability or explosive limits
   - Flammability limit - upper (%): No data available.
   - Flammability limit - lower (%): No data available.
   - Explosive limit - upper (%): No data available.
   - Explosive limit - lower (%): No data available.

8. Vapor pressure:
   - 482.629 - 620.523 hPa (20 °C)
   - 999.7315 - 1,137.6255 hPa (50 °C)

9. Vapor density: No data available.
10. Density: No data available.
11. Relative density: No data available.
12. Solubility(ies)
    - Solubility in water: No data available.
    - Solubility (other): No data available.

13. Partition coefficient (n-octanol/water): No data available.
15. Decomposition temperature: No data available.
16. Viscosity: No data available.

10. Stability and reactivity

   Reactivity: No data available.
   Chemical Stability: Material is stable under normal conditions.
   Possibility of hazardous reactions: No data available.
   Conditions to avoid: Avoid heat or contamination.
   Incompatible Materials: No data available.
   Hazardous Decomposition Products: No data available.

11. Toxicological information
Information on likely routes of exposure

**Inhalation:** No data available.

**Skin Contact:** No data available.

**Eye contact:** No data available.

**Ingestion:** No data available.

Symptoms related to the physical, chemical and toxicological characteristics

**Inhalation:** No data available.

**Skin Contact:** No data available.

**Eye contact:** No data available.

**Ingestion:** No data available.

Information on toxicological effects

**Acute toxicity (list all possible routes of exposure)**

**Oral**
- **Product:** ATEmix: 18,944.72 mg/kg

**Dermal**
- **Product:** Not classified for acute toxicity based on available data.

**Specified substance(s):**
- **Ethanol, 2-(2-butoxyethoxy):**
  - **LD 50 (Rabbit):** 2,764 mg/kg

**Inhalation**
- **Product:** Not classified for acute toxicity based on available data.

**Specified substance(s):**
- **Ethanol, 2-(2-butoxyethoxy):**
  - **LC 50 (Various):** > 20 mg/l
- **Propane**
  - **LC 50 (Mouse):** 1,237 mg/l
- **Butane**
  - **LC 50 (Mouse):** 1,237 mg/l

**Repeated dose toxicity**

**Product:** No data available.

**Specified substance(s):**
- **Ethanol, 2-(2-butoxyethoxy):**
  - **NOAEL (Rat(Female, Male), Oral, 90 d):** 250 mg/kg Oral Experimental result, Key study
  - **NOAEL (Rat(Female, Male), Dermal, 13 Weeks):** > 2,000 mg/kg Dermal Experimental result, Key study
  - **NOAEL (Rat(Female, Male), Inhalation, 90 - 120 d):** 14 ppm(m) Inhalation Experimental result, Key study
- **Propane**
  - **NOAEL (Rat(Female, Male), Inhalation, >= 28 d):** 4,000 ppm(m) Inhalation Experimental result, Key study
  - **LOAEL (Rat(Female, Male), Inhalation, >= 28 d):** 12,000 ppm(m) Inhalation Experimental result, Key study
Butane

NOAEL (Rat(Female, Male), Inhalation, >= 28 d): 4,000 ppm(m) Inhalation
Experimental result, Key study
LOAEL (Rat(Female, Male), Inhalation, >= 28 d): 12,000 ppm(m) Inhalation
Experimental result, Key study

Skin Corrosion/Irritation
Product: No data available.

Specified substance(s):
Ethanol, 2-(2-butoxyethoxy)-

in vivo (Rabbit): Not irritant Experimental result, Supporting study

Serious Eye Damage/Eye Irritation
Product: No data available.

Specified substance(s):
Ethanol, 2-(2-butoxyethoxy)-
Rabbit, 24 - 72 hrs: Highly irritating

Sodium hydroxide (Na(OH))
Corrosive
Rabbit, 2 d: 10% Sodium Hydroxide- Category 1; 0.5% Sodium Hydroxide-
Slightly irritating to eyes

Respiratory or Skin Sensitization
Product: No data available.

Specified substance(s):
Ethanol, 2-(2-butoxyethoxy)-
Skin sensitization:, in vivo (Guinea pig): Non sensitising

Carcinogenicity
Product: No data available.

IARC Monographs on the Evaluation of Carcinogenic Risks to Humans:
No carcinogenic components identified

US. National Toxicology Program (NTP) Report on Carcinogens:
No carcinogenic components identified

No carcinogenic components identified

Germ Cell Mutagenicity

In vitro
Product: No data available.

In vivo
Product: No data available.

Reproductive toxicity
Product: No data available.

Specific Target Organ Toxicity - Single Exposure
Product: No data available.

Specific Target Organ Toxicity - Repeated Exposure
Product: No data available.

Aspiration Hazard
Product: No data available.
### 12. Ecological information

**Ecotoxicity:**

#### Acute hazards to the aquatic environment:

**Fish**

- **Product:** No data available.
- **Specified substance(s):**
  - Ethanol, 2-(2-butoxyethoxy)-
  - Sodium hydroxide (Na(OH))
  - Propane
  - Butane

  **LC 50**
  - (Lepomis macrochirus, 96 h): 1,300 mg/l Experimental result, Key study
  - (Pimephales promelas, 96 h): 2,400 mg/l Experimental result, Supporting study
  - (Gambusia affinis, 96 h): 125 mg/l Experimental result, Supporting study
  - (Daphnia magna, 48 h): +/− 1,743 mg/l QSAR QSAR, Supporting study
  - (Water flea (Ceriodaphnia dubia), 48 h): 34.59 - 47.13 mg/l Intoxication
  - (Daphnia sp., 48 h): 69.43 mg/l QSAR QSAR, Key study

**Aquatic Invertebrates**

- **Product:** No data available.
- **Specified substance(s):**
  - Ethanol, 2-(2-butoxyethoxy)-
  - Sodium hydroxide (Na(OH))
  - Butane

  **EC 50**
  - (Water flea (Ceriodaphnia dubia), 48 h): 34.59 - 47.13 mg/l

#### Chronic hazards to the aquatic environment:

**Fish**

- **Product:** No data available.

**Aquatic Invertebrates**

- **Product:** No data available.

**Toxicity to Aquatic Plants**

- **Product:** No data available.

**Persistence and Degradability**

**Biodegradation**

- **Product:** No data available.
- **Specified substance(s):**
  - Ethanol, 2-(2-butoxyethoxy)-
  - Propane

  **Degradation:**
  - 85 % (28 d) Detected in water. Experimental result, Key study
  - 100 % (385.5 h) Detected in water. Experimental result, Key study
  - 50 % (3.19 d) Detected in water. QSAR, Weight of Evidence study
Butane

100 % (385.5 h) Detected in water. Experimental result, Key study
50 % (3.19 d) Detected in water. QSAR, Weight of Evidence study

BOD/COD Ratio
Product: No data available.

Bioaccumulative potential
Bioconcentration Factor (BCF)
Product: No data available.

Partition Coefficient n-octanol / water (log Kow)
Product: No data available.

Mobility in soil:
No data available.

Known or predicted distribution to environmental compartments
Ethanol, 2-(2-butoxyethoxy)-
Sodium hydroxide (Na(OH))
Propane
Butane

Other adverse effects:
No data available.

13. Disposal considerations

Disposal instructions: Discharge, treatment, or disposal may be subject to national, state, or local laws.

14. Transport information

DOT
UN Number: UN 1950
UN Proper Shipping Name: Aerosols, flammable
Transport Hazard Class(es) Class: 2.1
Label(s): –
Packing Group: II
Marine Pollutant: No

Environmental Hazards: No
Marine Pollutant: No

Special precautions for user: Not regulated.

IMDG
UN Number: UN 1950
UN Proper Shipping Name: Aerosols, flammable
Transport Hazard Class(es) Class: 2
Label(s): –
EmS No.: –
Packing Group: –
Environmental Hazards: No
Marine Pollutant No

Special precautions for user: Not regulated.

IATA
UN Number: UN 1950
Proper Shipping Name: Aerosols, flammable
Transport Hazard Class(es):
Class: 2.1
Label(s): –
Packing Group: –

Environmental Hazards: No
Marine Pollutant No

Special precautions for user: Not regulated.

15. Regulatory information

US Federal Regulations

Restrictions on use: Not known.

TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)
US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)
None present or none present in regulated quantities.

CERCLA Hazardous Substance List (40 CFR 302.4):

<table>
<thead>
<tr>
<th>Chemical Identity</th>
<th>Reportable quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sodium hydroxide (Na(OH))</td>
<td>lbs. 1000</td>
</tr>
<tr>
<td>Propane</td>
<td>lbs. 100</td>
</tr>
<tr>
<td>Butane</td>
<td>lbs. 100</td>
</tr>
</tbody>
</table>

Superfund Amendments and Reauthorization Act of 1986 (SARA)

Hazard categories
- Fire Hazard
- Immediate (Acute) Health Hazards
- Flammable aerosol
- Skin Corrosion/Irritation
- Serious Eye Damage/Eye Irritation

SARA 302 Extremely Hazardous Substance
None present or none present in regulated quantities.

SARA 304 Emergency Release Notification

<table>
<thead>
<tr>
<th>Chemical Identity</th>
<th>Reportable quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ethanol, 2-(2-butoxyethoxy)-</td>
<td>lbs. 100</td>
</tr>
<tr>
<td>Sodium hydroxide (Na(OH))</td>
<td>lbs. 1000</td>
</tr>
<tr>
<td>Propane</td>
<td>lbs. 100</td>
</tr>
<tr>
<td>Butane</td>
<td>lbs. 100</td>
</tr>
<tr>
<td>Ethanol, 2-butoxy-</td>
<td></td>
</tr>
</tbody>
</table>
### SARA 311/312 Hazardous Chemical

<table>
<thead>
<tr>
<th>Chemical Identity</th>
<th>Threshold Planning Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ethanol, 2-(2-butoxyethoxy)-</td>
<td>10000 lbs</td>
</tr>
<tr>
<td>Sodium hydroxide (Na(OH))</td>
<td>10000 lbs</td>
</tr>
<tr>
<td>Propane</td>
<td>10000 lbs</td>
</tr>
<tr>
<td>Butane</td>
<td>10000 lbs</td>
</tr>
<tr>
<td>Ethanol, 2-butoxy-</td>
<td>10000 lbs</td>
</tr>
</tbody>
</table>

### SARA 313 (TRI Reporting)

<table>
<thead>
<tr>
<th>Chemical Identity</th>
<th>Reporting threshold for other users</th>
<th>Reporting threshold for manufacturing and processing</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ethanol, 2-(2-butoxyethoxy)-</td>
<td>N230 lbs</td>
<td>N230 lbs.</td>
</tr>
</tbody>
</table>

### Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130):

### Clean Water Act Section 311 Hazardous Substances (40 CFR 117.3)

### US State Regulations

#### US. California Proposition 65
No ingredient requiring a warning under CA Prop 65.

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

<table>
<thead>
<tr>
<th>Chemical Identity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ethanol, 2-(2-butoxyethoxy)-</td>
</tr>
<tr>
<td>Sodium hydroxide (Na(OH))</td>
</tr>
<tr>
<td>Propane</td>
</tr>
<tr>
<td>Butane</td>
</tr>
</tbody>
</table>

#### US. Massachusetts RTK - Substance List
No ingredient regulated by MA Right-to-Know Law present.

#### US. Pennsylvania RTK - Hazardous Substances

<table>
<thead>
<tr>
<th>Chemical Identity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ethanol, 2-(2-butoxyethoxy)-</td>
</tr>
<tr>
<td>Sodium hydroxide (Na(OH))</td>
</tr>
<tr>
<td>Propane</td>
</tr>
<tr>
<td>Butane</td>
</tr>
</tbody>
</table>

#### US. Rhode Island RTK
No ingredient regulated by RI Right-to-Know Law present.

### International regulations

- **Montreal protocol**
  Not applicable

- **Stockholm convention**
  Not applicable

- **Rotterdam convention**
  Not applicable

- **Kyoto protocol**
  Not applicable
Inventory Status:
  Australia AICS: On or in compliance with the inventory
  Canada DSL Inventory List: On or in compliance with the inventory
  EINECS, ELINCS or NLP: Not in compliance with the inventory.
  Japan (ENCS) List: Not in compliance with the inventory.
  China Inv. Existing Chemical Substances: On or in compliance with the inventory
  Korea Existing Chemicals Inv. (KECI): On or in compliance with the inventory
  Canada NDSL Inventory: Not in compliance with the inventory.
  Philippines PICCS: On or in compliance with the inventory
  US TSCA Inventory: Not in compliance with the inventory.
  New Zealand Inventory of Chemicals: On or in compliance with the inventory
  Japan ISHL Listing: Not in compliance with the inventory.
  Japan Pharmacopoeia Listing: Not in compliance with the inventory.
  Mexico INSQ: On or in compliance with the inventory
  Ontario Inventory: Not in compliance with the inventory.
  Taiwan Chemical Substance Inventory: On or in compliance with the inventory

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

Issue Date: 08/23/2019
Revision Information: No data available.
Version #: 0.0
Further Information: No data available.
Disclaimer: This information is provided without warranty. The information is believed to be correct. This information should be used to make an independent determination of the methods to safeguard workers and the environment.