



Propane	74-98-6	1 - 10
n-Butane	106-97-8	1 - 10
Water	7732-18-5	60 - 88

## 4 First-aid measures

### Description of necessary first-aid measures

Ingestion (Swallowed):	Do not induce vomiting. Call a physician, poison control center, or the Checmtec 24 Hour Hotline at 1-800-424-9300. Rinse mouth with water and give one eight-ounce glass of water to drink if the patient is conscious and responsive. Never give anything by mouth to an unconscious person.
Eye Contact:	Immediately flush eyes with plenty of water for at least 15 minutes, lifting upper and lower eyelids occasionally. Get medical attention if irritation persists.
Skin Contact:	Wash skin with soap and water. Remove contaminated clothing and wash before reuse. Get medical attention if irritation persists or symptoms of exposure develop.
Inhalation (Breathing):	Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

## 5 Fire-fighting measures

### Suitable extinguishing media

Use water fog, dry chemical, carbon dioxide or foam. Cool fire exposed containers with water.

### Specific hazards arising from the chemical

Contents under pressure. Keep away from ignition source and open fire. Exposure of containers to extreme heat and flames can cause them to rupture often with violent force.

### Special protective actions for fire-fighters

Firefighters should always wear positive pressure self-contained breathing apparatus and full protective clothing. Cool fire-exposed containers with water. Use shielding to protect against bursting cans.

## 6 Accidental release measures

### Personal precautions, protective equipment and emergency procedures

Wear appropriate protective clothing (see Section 8). Eliminate all sources of ignition and ventilate area. Contain and collect liquid with an inert absorbent and place in a container for disposal. Clean spill area thoroughly. Report spills to authorities as required.

## 7 Handling and storage

### Precautions for safe handling

Avoid contact with eyes. Avoid prolonged contact with skin. Avoid breathing vapors or aerosols. Use with adequate ventilation. Keep away from heat, sparks, hot surfaces and open flames. Do not smoke or use around open flames or sources of extreme heat. Intentional misuse by deliberately concentrating vapors and inhaling can be harmful or fatal. Wash thoroughly with soap and water after handling. Keep containers closed when not in use. Keep out of the reach of children. Do not puncture or incinerate containers.

### Conditions for safe storage, including any incompatibilities

Store in a cool, dry ventilated area. Protect from physical damage. Do not store in direct sunlight, near open flames or above temperatures greater than 120 F. Do not place can in hot water or near radiators, stoves or other sources of heat.

## 8 Exposure controls/personal protection

### Appropriate engineering controls

#### The Following Controls are Recommended for Normal Consumer Use of this Product

Use in a well-ventilated area.

#### For Bulk Processing or Workplace Use the Following Controls are Recommended

Use adequate general and local exhaust ventilation to maintain exposure levels below that occupational exposure limits.

### Individual protection measures

#### The Following Controls are Recommended for Normal Consumer Use of this Product

Eye Protection: Avoid eye contact. Always spray away from face.

Skin Protection: Avoid prolonged skin contact. Wash hands with soap and water after use.

Respiratory Protection: None needed for normal use with adequate ventilation.

#### For Bulk Processing or Workplace Use the Following Controls are Recommended

Eye Protection: Safety goggles recommended where eye contact is possible.

Skin Protection: Wear appropriate protective clothing and chemical-resistant gloves to prevent skin contact. Wash thoroughly after handling.

Respiratory Protection: None required if ventilation is adequate. If the occupational exposure limits are exceeded, wear a NIOSH approved respirator. Respirator selection and use should be based on contaminant type, form and concentration. Follow OSHA 1910.134, ANSI Z88.2 and good Industrial Hygiene practice.

Work/Hygiene Practices: Wash with soap and water after handling.

## 9 Physical and chemical properties

### Physical and chemical properties

Appearance:	Aerosol foam
Odor:	Mild glycol ether odor
pH:	No applicable.
Boiling point:	-44 °C (-341 °F) - Propellant
Flash point:	Not flammable per Flame Extension Test
Flammable Limits:	LEL: 1.1% UEL: 10.6%
Vapor pressure:	Not available.
Relative vapor density at 20 °C:	Greater than 1
Specific gravity / density:	0.9713
Solubility:	Partial
VOC:	Not established.
Percent Volatile:	Not established.
Coefficient of Water/Oil Distribution:	Not determined.

## 10 Stability and reactivity

### Chemical stability

Stable.

### Possibility of hazardous reactions

Will not occur.

### Conditions to avoid

Avoid heat, sparks, flames and other sources of ignition.

### Incompatible materials

Avoid strong oxidizers, strong bases, acids and chlorinated solvents.

### Hazardous decomposition products

Burning can produce carbon monoxide and/or carbon dioxide.

## 11 Toxicological information

### Toxicological (health) effects

No data is available for the product as a whole. The following information is available for the individual components: 2-Butoxyethanol: Inhalation Rat LC50 4-HR: 450 ppm; Acute oral rat LD50: 1,480 mg/kg; Acute Dermal rabbit LD50: 490 kg/kg; Irritation, Skin, rabbit, open, 500 mg: MILD; Irritation, Eye, rabbit, 18 mg: Severe Liquefied Petroleum Gas: No toxicity data is available None of the components of this product is listed as a carcinogen or suspected carcinogen or is considered a reproductive hazard.

## 12 Ecological information

### Toxicity

No data is currently available.

## 13 Disposal considerations

### Disposal methods

Aerosol containers should not be punctured, compacted in home trash compactors or incinerated. Empty containers may be disposed of through normal waste management options. Dispose of all waste product, absorbents, and other materials in accordance with applicable Federal, state and local regulations.

## 14 Transport information

### UN Number

US DOT (ground):	UN1950, Aerosols, 2.1, Limited Quantity
ICAO/IATA (air):	UN1950, Aerosols, 2.1, Limited Quantity
IMO/IMDG (water):	UN1950, Aerosols, 2.1, Limited Quantity
Special Provisions:	N82 - See 173.306 of this subchapter for classification criteria for flammable aerosols.

## 15 Regulatory information

### Safety, health and environmental regulations specific for the product in question

#### U.S. Federal Regulations:

**CERCLA 103 Reportable Quantity:** This product is not subject to CERCLA reporting requirements, however, oil spills are reportable to the National Response Center under the Clean Water Act and many states have more stringent release reporting requirements. Report spills required under federal, state and local regulations.

#### **SARA TITLE III:**

**Hazard Category For Section 311/312:** Acute Health, Chronic, Pressure Hazard.

**Section 313 Toxic Chemicals:** This product contains the following chemicals subject to SARA Title III Section 313 Reporting requirements: 2-butoxyethanol <15% by wt. (glycol ether compound).

**Section 302 Extremely Hazardous Substances (TPQ):** None.

**EPA Toxic Substances Control Act (TSCA) Status:** All of the components of this product are listed on the TSCA inventory.

**Canadian Regulations:**

**Canadian Environmental Protection Act:** All of the ingredients are listed on the Canadian Domestic Substances List or exempt from notification.

**Canadian WHMIS Classification:** Class D-2-B (Toxic material causing other toxic effects) This MSDS has been prepared according to the criteria of the Controlled Products Regulation (CPR) and the MSDS contains all of the information required by the CPR.

**16 Other information**

**Other information**

**HMIS Hazard Rating:**

Health	2 (moderate hazard)
Fire Hazard	2 (moderate hazard)
Reactivity	0 (minimal hazard)

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