

# MATERIAL SAFETY DATA SHEET

## 1. Product And Company Identification

Product Name: **ULINE All Purpose Cleaner**  
Product Number: **S-19456**

Chemical Type: **Mixture**  
Product Use: **All Purpose Cleaner**

Supplier: **ULINE**  
Address: **12575 Uline Drive**  
**Pleasant Prairie, WI 53158**  
Telephone Number: **(800) 295-5510**  
Chemtrec: **(800) 424-9300**  
Website: <http://www.uline.com/>

## 2. Composition, Information on Ingredients

Component	CAS No.	Amount
2-(2-butoxyethoxy)ethanol	112-34-5	1-5%

(See Section 8 for Exposure Limits)

## 3. Hazards Identification

**Emergency Overview:** CAUTION  
MAY CAUSE EYE IRRITATION. MAY CAUSE SKIN IRRITATION.

**Potential Short Term Health Effects:**

**Eye:** May cause irritation  
**Skin:** May cause irritation  
**Ingestion:** May cause stomach distress, nausea, or vomiting  
**Inhalation:** May cause respiratory tract irritation

**Chronic Effects:** Prolonged or repeated exposure can cause drying, defatting, and dermatitis

**Most likely Routes of Entry:** Eye, Skin contact, Inhalation, Ingestion

**Signs and Symptoms:** Symptoms may include redness, edema, drying, defatting, and cracking of the skin.  
Symptoms of overexposure may be headache, dizziness, tiredness, nausea, and vomiting.

## 4. First Aid Measures

**Inhalation:** If symptoms develop move victim to fresh air. If symptoms persist, obtain medical attention.

**Skin Contact:** Rinse under running water. Remove all contaminated clothing.

**Eye Contact:** Immediately flush with cool water. Remove contact lenses, if applicable, and continue flushing for 15 minutes. Obtain medical attention if irritation persists.

**Ingestion:** Do not induce vomiting. If vomiting occurs naturally, have victim lean forward to reduce risk of aspiration. Never give anything by mouth if victim is unconscious, or is convulsing. Obtain medical attention immediately.

**Note to Physician:** Treat patient symptomatically.



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**General Advice:** If you feel unwell, seek medical advice (show the label where possible). Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Show this safety data sheet to the doctor in attendance. Avoid contact with eyes and skin. Keep out of reach of children.

## 5. Firefighting Measures

**Flammable Properties:** Not flammable by WHMIS/OSHA criteria.

**Extinguishing Media:** foam, extinguishing powder, carbon dioxide.

**Special Fire Fighting Procedures:** As in any fire, wear self-contained breathing apparatus pressure-demand (MSHA/NIOSH approved or equivalent) and full protective gear. Water runoff can cause environmental damage. Dike and collect water used to fight fire.

**Unusual Fire and Explosion Hazards:** None known

**Hazardous Combustion Products:** May include but not limited to: oxides of carbon

## 6: Accidental Release Measures

**Personal precautions:** Keep unnecessary personnel away. Do not touch or walk through spilled material. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Keep people away from and upwind of spill/leak.

**Environmental precautions:** Prevent entry into waterways, sewers, basements or confined areas. Do not discharge into lakes, streams, ponds or public waters.

**Methods for containment:** Stop leak if you can do so without risk.

**Methods for cleaning up:** Should not be released into the environment. Before attempting clean up, refer to hazard data given above. Small spills may be absorbed with non-reactive absorbent and placed in suitable, covered, labelled containers. Prevent large spills from entering sewers or waterways. Contact emergency services and supplier for advice. Never return spills in original containers for re-use. Large Spills: Wet down with water and dike for later disposal. After removal flush contaminated area thoroughly with water.

## 7. Handling and Storage

**Handling:** Do not get in eyes, on skin or on clothing. Use good industrial hygiene practices in handling this material. Keep container tightly closed. Use only with adequate ventilation. Wash thoroughly after handling. Avoid breathing vapors or mists of this product.

**Storage:** Keep out of the reach of children. Store in a closed container away from incompatible materials.

## 8. Exposure Controls / Personal Protection

CHEMICAL	EXPOSURE LIMIT
2-(2-butoxyethoxy)ethanol	ACGIH TLV-TWA: 20 ppm OSHA PEL-TWA: 50 ppm
Water and Non-hazardous Ingredients	None Established



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**Engineering Controls:** General ventilation normally adequate.

**Gloves:** None required with normal use.

**Eye Protection:** None required with normal use. If a splash is likely, chemical goggles may be needed.

**Other Protective Equipment/Clothing:** None is required with normal use.

**Hygienic Practices:** Do not eat, drink, or smoke in areas where this material is used. Wash thoroughly after handling. Wash hands before eating. Remove contaminated clothing and wash before reuse.

## 9. Physical and Chemical Properties

Appearance: Clear Green Liquid	Boiling Point: 212°F
Odor: Cherry Almond	Melting Point: N/A
pH: 10.0 – 12.0	Spec. Gravity (H <sub>2</sub> O = 1.00): 1.003
Water Solubility: Complete	Vapor Pressure (mm Hg): N/A
Viscosity @ 25°C: Water Thin	VOC Content: 0.50%

## 10. Stability and Reactivity

**Stability:** Stable under recommended storage conditions.

**Conditions to Avoid:** None Known

**Incompatibility:** Strong oxidizing agents

**Hazardous Decomposition Products:** May include but not limited to: oxides of carbon

**Hazardous Polymerization:** Hazardous polymerization does not occur.

## 11. Toxicological Information

### Acute Hazards:

**Inhalation:** May cause respiratory tract irritation

**Skin Contact:** May cause irritation

**Eye Contact:** May cause irritation

**Ingestion:** cause stomach distress, nausea, or vomiting

**Medical Conditions Aggravated By Exposure:** Pre-existing skin disorders or eye problems.

### Chronic Hazards:

**Carcinogen:** Non-Hazardous

**Teratogenicity:** Non-Hazardous

**Mutagenicity:** Non-Hazardous

**Reproductive Effects:** Non-Hazardous

### Acute Toxicity Values:

2-(2-butoxyethoxy)ethanol	LD50: 1480 mg/kg LC50: 1.6 mg/L
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## 12. Ecological Information

### Ecotoxicity:

Ecotoxicity – Freshwater Fish – Acute Toxicity Data		
2-(2-butoxyethoxy)ethanol	112-34-5	LC50 (96 hr): 1300 mg/L (lepomis macrochirus), 2000 mg/L (menidia beryllina) LC50 (48 hr): 1750 – 1805 mg/L (leuciscus idus)
Ecotoxicity – Water Flea – Acute Toxicity Data		
2-(2-butoxyethoxy)ethanol	112-34-5	EC50 (24 hr): 2850 – 3424 mg/L (daphnia magna)
Ecotoxicity – Algae – Acute Toxicity Data		
2-(2-butoxyethoxy)ethanol	112-34-5	EC50 (7-day): not known – very slight decrease in growth rate at 1000 mg/L (scenedesmus quadricauda)

**Biodegradability:** No data is available on the product itself. Based on its components, it is expected that this product will be biodegradable.

## 13. Disposal Considerations

Dispose of in accordance with all local, state/provincial and federal regulations.

## 14. Transport Information

### United States Department of Transportation (DOT)

Not regulated as a dangerous good.

### Transportation of Dangerous Goods (TDG – Canada)

Not regulated as a dangerous good.

## 15. Regulatory Information

### Occupational Safety and Health Administration (OSHA)

**29 CFR 1910.1200 hazardous chemical:** Yes

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

**SARA Hazard Category (311/312):** Immediate Health Hazard

**SARA 313:** This product does not contain any substance subject to the reporting requirements of Section 313 of Title III of the Superfund Amendment and Reauthorization Act of 1986 and 40 CFR Part 372.

**WHMIS:** B3, D2B

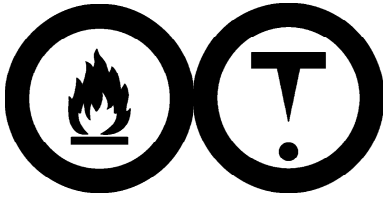
### WHMIS – Canada – Ingredient Disclosure List:

2-(2-butoxyethoxy)ethanol	112-34-5	1%
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## WHMIS Labeling:



## Inventory Status

Country	Inventory Name	On Inventory (Yes/No)*
United States	Toxic Substances Control Act (TSCA) Inventory	Yes
Canada	Domestic Substance List (DSL)	Yes
Canada	Non-Domestic Substance List (NDSL)	No

\* A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country

## 16. Other Information

NFPA Rating (NFPA 704): Health: 1 Fire: 0 Instability: 0  
HMIS Rating: Health: 1 Fire: 0 Physical Hazard: 0

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