



# MATERIAL SAFETY DATA SHEET

## REFLECT

ALL PURPOSE CLEANER

### SECTION I PRODUCT IDENTIFICATION AND USE

**Product Name:** REFLECT  
**Product Use:** All Purpose Cleaner Degreaser  
**WHMIS Class:** D2B

### SECTION II HAZARDOUS INGREDIENTS

Chemical Name	CAS #	% by Weight	Toxicity
Ethoxylated Alcohols	68439-45-2	1 - 5	LD50 5100 mg/kg oral rat
Ethylene glycol monobutyl ether	111-76-2	1 - 5	LD50 2000 mg/kg oral rat
Tetra sodium EDTA	64-02-08	1 - 5	LD50 3200 mg/kg oral rat
Sodium alkyl sluphonate	5324-84-5	1 - 5	LD50 9260 mg/kg oral rat

### SECTION III PHYSICAL DATA

<b>Appearance:</b>	blue liquid	<b>Odour:</b>	mild butyl
<b>PH Concentrate:</b>	11.0 - 11.5	<b>% Volatile by volume:</b>	85%
<b>Boiling Point:</b>	100 deg. C	<b>Solubility in Water (%):</b>	complete
<b>Specific Gravity:</b>	1.03	<b>Evaporation Rate (Water = 1):</b>	N/A

### SECTION IV FIRE AND EXPLOSION HAZARD DATA

**Flammability:** Not flammable.  
**Flash Point (deg. C, TOC):** None.  
**Hazardous Combustion Products:** N/A.  
**Means of Extinction:** Water.  
**Special Fire Hazards:** Avoid Contact with eyes & skin.

### SECTION V TOXICOLOGICAL PROPERTIES

#### Effects of overexposure

**Swallowing:** May be very harmful.  
**Inhalation:** May cause nose or throat irritation.  
**Skin absorption:** May absorb through skin to cause delayed ill health effects.  
**Skin Contact:** Corrosive, may cause skin irritation or burns.  
**Eye Contact:** May cause severe eye irritation or injury. May cause irreversible damage.

### SECTION VI FIRST AID MEASURES

**Ingestion:** Do not induce vomiting. Give raw egg whites or gelatin solution. If not available, drink large quantities of water. Get medical attention.  
**Inhalation:** Remove person to fresh air. If person stops breathing give artificial respiration. Get medical attention.  
**Skin:** Flush with water for at least 15 minutes. Remove contaminated clothing. Get medical attention.  
**Eyes:** Flush with water for at least 15 minutes. Get medical attention.  
**General:** Keep out of reach of children. Avoid contamination of food.

### SECTION VII REACTIVITY DATA

**Stable:**  **Unstable**  **Conditions to Avoid:** None  
**Incompatibility (Materials to avoid):** Yes, cationic materials and strong acids.  
**Hazardous Decomposition Products:** None.  
**Hazardous Polymerization:** **May Occur:**  **Will Not Occur:**

### SECTION VIII PREVENTATIVE MEASURES

**Protective Gloves:** YES **Eye Protection:** YES **Ventilation: Local Exhaust:**  **General:**   
**Respiratory Protection (Specify type):** Use approved respirators when spraying.  
**Other Protective Equipment:** In case of spillage, use chemically resistant apron and boots.  
**Leak & Spill Procedure:** Contain spill by diking and collect into a container for disposal. Flush area with water.  
**Waste Disposal Method:** Dispose of according to federal, provincial or local regulations.  
**Handling Procedures/Equipment:** Wear proper protective clothing. Avoid excessive heat, open flames, or ignition source.  
**Other Precautions:** Eye fountain and emergency shower.  
**PIN:** UN1760 **TDG Class:** 8 **TDG Emergency Telephone #:** (613) 996-6666 (Collect)

### SECTION IX PREPARATION DATA

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