



**Section 4. First Aid Measures**

<b>Eye Contact</b>	Check for and remove any contact lenses. Immediately flush eyes with running water for at least 15 minutes, keeping eyelids open. Get medical attention immediately.
<b>Skin Contact</b>	In case of contact, immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Wash clothing before reuse. Thoroughly clean shoes before reuse. Get medical attention immediately.
<b>Inhalation</b>	If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention immediately.
<b>Ingestion</b>	If swallowed, do not induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Loosen tight clothing such as a collar, tie, belt or waistband. Get medical attention immediately.

**Section 5. Fire Fighting Measures**

<b>Flash Point</b>	CLOSED CUP: Higher than 93.3°C (200°F).	<b>Flammable Limits</b>	The greatest known range is LOWER: 1.19% UPPER: 12.7%
<b>Flammability</b>	Non-flammable.		
<b>Fire Hazard</b>	Not applicable.		
<b>Fire-Fighting Procedures</b>	Use DRY chemicals, CO <sub>2</sub> , water spray or foam.		



**Section 6. Accidental Release Measures**

<b>Spill Clean up</b>	Put on appropriate personal protective equipment (see Section 8). Dilute with water and mop up, or absorb with an inert dry material and place in an appropriate waste disposal container.
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**Section 7. Handling and Storage**

<b>Handling</b>	Avoid prolonged contact with eyes, skin, and clothing. Avoid contact with eyes. Do not ingest. Do not breathe vapor or mist. Keep container closed. Use only with adequate ventilation. Wash thoroughly after handling.
<b>Storage</b>	Keep container tightly closed. Keep container in a cool, well-ventilated area. Keep out of the reach of children.

**Section 8. Exposure Controls, Personal Protection**

<b>Personal Protection</b>	<b>Protective Clothing (Pictograms)</b>
<b>Eyes</b>	Chemical splash goggles. 
<b>Body</b>	Synthetic apron. Nitrile gloves. Neoprene gloves. Rubber gloves. 
<b>Respirator</b>	Wear appropriate respirator when ventilation is inadequate.

**Section 9. Physical and Chemical Properties**

<b>Physical State</b>	Liquid.	<b>Color</b>	Purple.
<b>pH</b>	13.0 - 14.0	<b>Odor</b>	Characteristic.
<b>Boiling Point</b>	100°C (212°F)	<b>Vapor Pressure</b>	Not determined.
<b>Specific Gravity</b>	1.06 (Water = 1)	<b>Vapor Density</b>	Not determined.
<b>Solubility</b>	Easily soluble in cold water, hot water.	<b>Evaporation Rate</b>	<1 compared to Butyl acetate.
		<b>VOC (Consumer)</b>	53 (g/l).

**Section 10. Stability and Reactivity**

<b>Stability and Reactivity</b>	The product is stable.
<b>Incompatibility</b>	Highly reactive with acids. Reactive with metals.
<b>Hazardous Polymerization</b>	Will not occur.
<b>Hazardous Decomposition Products</b>	These products are carbon oxides (CO, CO <sub>2</sub> ).

**Section 11. Toxicological Information**

<b>Toxicity to Animals</b>	<b>Sodium Hydroxide:</b> ORAL (LD50): Acute: 500 mg/kg [Rat].
	<b>Ethylene Glycol Monobutyl Ether:</b> ORAL (LD50): Acute: 1746 mg/kg [Rat]. 1519 mg/kg [Mouse]. 1414 mg/kg [Guinea pig]. DERMAL (LD50): Acute: 435 mg/kg [Rabbit]. >2000 mg/kg [Guinea pig]. VAPOR (LC50): Acute: 700 ppm 7 hour(s) [Mouse]. >633 ppm 1 hour(s) [Guinea pig]. >691 ppm 1 hour(s) [Guinea pig].

**Section 12. Ecological Information****Ecotoxicity** Not available.**Biodegradable/OEC** Not available.**Section 13. Disposal Considerations****Waste Information** Waste must be disposed of in accordance with federal, state and local environmental control regulations.**Waste Stream** Code: D002  
Classification: Corrosive**Consult your local or regional authorities.****Section 14. Transport Information****Proper shipping name** Corrosive liquids, basic, Inorganic NOS (Sodium hydroxide) or Consumer Commodity in Limited Quantity**DOT Classification** Class 8: Corrosive material  
CLASS 6.1: Poisonous material.**UN number** 3266**TDG Classification** Class 8: Corrosive material  
CLASS 6.1: Poisonous material.  
CLASS: 9.2: Environmentally hazardous material.**Section 15. Regulatory Information****U.S. Federal Regulations** SARA 313 toxic chemical notification and release reporting:  
Ethylene Glycol Monobutyl Ether  
Clean Water Act (CWA) 311: Sodium hydroxide  
Clean air act (CAA) 112 regulated toxic substances: Ethylene Glycol Monobutyl Ether**State Regulations** California prop. 65: No products were found.**WHMIS (Canada)** CLASS D-1B: Material causing immediate and serious toxic effects (TOXIC).  
CLASS E: Corrosive liquid.**Section 16. Other Information**

*To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein.*

*Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.*