









Relative Density	1.0	Solubility (Water)	COMPLETE
Vapor Density	NOT AVAILABLE	Vapor Pressure	NOT AVAILABLE
Viscosity	NOT AVAILABLE	pH	11-12

### Section 10 Stability and Reactivity

<b>Reactivity :</b>	Under normal conditions of storage and use, hazardous reactions will not occur.
<b>Chemical Stability :</b>	Stable under normal conditions.
<b>Incompatible Materials :</b>	Acids and strong oxidizers
<b>Conditions to Avoid :</b>	High temperatures
<b>Decomposition Products:</b>	CO, CO2

### Section 11 Toxicological Information

**Primary Route of Entry:** Skin contact, eye contact, inhalation

**Acute/Potential Health Effects:**

**EYES:** Causes severe irritation experienced as discomfort or pain, excess blinking and tear production, with redness and swelling of the conjunctiva.

**SKIN:** Brief contact may cause slight irritation. Prolonged contact may cause more severe irritation with pain, local redness and swelling and possible tissue destruction.

**INHALATION:** High vapor concentrations may be irritating to respiratory tract.

**INGESTION:** Harmful or fatal if swallowed. Corrosive. Can cause severe burns and complete tissue perforation of mucous membranes, mouth, throat and stomach.

**Chronic / Long Term Effects:** 2-Butoxyethanol has caused red blood cell hemolysis in lab animals and secondary injury to the liver and kidney.

**Target Organ Effects:** Liver, kidney, lungs and upper respiratory tract, gastrointestinal tract, eyes, skin.

**Reproductive/Developmental Information:** No data.

**Carcinogenic Information:** This material is not listed as a carcinogen by IARC, NTP or OSHA.

**Acute Toxicity Values:**

Monoethanolamine: Oral - LD50, rat 1720 mg/Kg; Dermal - LD50, rabbit 1025 mg/Kg

2-butoxyethanol: Ingestion - LD50, rat, 1300 mg/Kg; Dermal LD50, guinea pig 1400 mg/Kg; Inhalation - LC50, 1 hr, vapor, guinea pig > 3.1 mg/l

### Section 12 Ecological Information

2-butoxyethanol: EC50, Daphnia magna, static test, 48 h, immobilization: 1550 mg/l

Monoethanolamine: Fish LC50, Pimephales promelas (fathead minnow), 227 mg/l, 96 hr.

### Section 13 Disposal Considerations



Waste must be disposed of in accordance with federal, state and local environmental control regulations. See label for further instructions.

### Section 14 Transport Information

Certain shipping modes or package sizes may have exceptions from the transport regulations. The classification provided may not reflect those exceptions and may not apply to all shipping modes or package sizes.

**UN number** 3267

**Proper shipping name** Corrosive Liquid, Basic, Organic, n.o.s. (contains Ethanolamine)

**Class** 8

**Packing group** II

### Section 15 Regulatory Information

If identified components of this product are **CERCLA** hazardous substances and/or listed under **Sections 302, 304, or 313 of Title III** of the Superfund Amendments and Reauthorization Act (SARA) of 1986 (also known as EPCRA, the Emergency Planning and Community Right-To-Know Act), or under **California Proposition 65** (Safe Drinking Water and Toxic Enforcement Act), they are listed above in Section 15 of this SDS.

If identified components of this product are listed under Section 313, this product contains toxic chemicals subject to the reporting requirements of Section 313. This information must be included in all SDS that are copied and distributed for this material.

**Title III Section 311/312** Hazardous Categories - 40 CFR 370.2:

ACUTE (X) Chronic (X) Fire (X) Pressure ( ) Reactive ( ) Not Applicable ( )

**T.S.C.A. Status:** All chemical substances found in this product comply with the Toxic Substances Control Act inventory reporting requirements.

**RCRA Status:** Under RCRA, it is the responsibility of the product user to determine at the time of disposal, whether a material containing the product or derived from the product should be classified as a hazardous waste. If this product becomes hazardous waste it would be assigned RCRA Code(s)

D002

### Section 16 Other Information

**HMIS Ratings :**

<b>HEALTH</b>	2
<b>FLAMMABILITY</b>	2
<b>REACTIVITY</b>	0
<b>PERSONAL PROTECTION</b>	G



Disclaimer: This Manufacturer believes that the information contained in the Safety Data Sheet is accurate. The suggested procedures are based on experience as of the date of the publication. They are not necessarily all inclusive nor fully adequate in every circumstance. Also, the suggestions should not be confused with, nor followed in violation of applicable laws, regulations, rules or insurance requirements.

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