

MATERIAL SAFETY DATA SHEET

Per 29 CFR 1910.1200

DATE PREPARED : 6/7/04

SECTION I.

BRULIN & COMPANY. INC. P.O. BOX 270, INDIANAPOLIS, IN 46206-0270 (317) 923-3211

WEST COAST FACTORY
Richmond, California

24 HOUR EMERGENCY NUMBER
CHEMTREC 1-800-424-9300

IDENTITY (As listed on label):

SHATTERED 99

Health: 3
HMIS HAZARD RATINGS: Flammability: 1
Reactivity: 0

SECTION II - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

Hazardous Components (Specific Chemical Identity: Common Name(s))	CAS #	OSHA PEL	ACGIH TLV-TWA	OTHER LIMITS RECOMMENDED	PERCENT
2-Aminoethanol	141-43-5	3 ppm	3 ppm	STEL 6 ppm	20-30
* 2-Butoxyethanol	111-76-2	50 ppm	25 ppm		20-30

SECTION 313 SUPPLIER NOTIFICATION

The toxic chemical(s) listed above which are marked with an (*) are subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 and of 40 CFR 372. Not all chemicals subject to Section 313 of EPCRA appear on the OSHA Floor List of Hazardous Chemicals.

SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point:	Undetermined	Specific Gravity (H ₂ O=1):	0.998 @ 25 C
Vapor Pressure (mm Hg):	Undetermined	Melting Point:	< 30 F
Vapor Density (Air=1):	Undetermined	Evaporation Rate (H ₂ O=1):	Undetermined
Solubility in Water:	Complete at 1:20		

Appearance and Odor: Clear dark red liquid with amine odor.

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used): 175 F (PMCC)

Flammable Limits LEL Undetermined UEL Undetermined

Extinguishing Media: Dry chemical, foam, carbon dioxide

Special Fire Fighting Procedures: This product is not flammable under conditions of storage and transportation.

Unusual Fire and Explosion Hazards: None known

SECTION V - REACTIVITY DATA

Stability Unstable Stable

Conditions to Avoid: None known

Incompatibility (Materials to Avoid): Strong oxidizers such as bleach, acids, and/or reactive metals such as copper.

Hazardous Decomposition or Byproducts: Thermal decomposition can produce oxides of carbon and nitrogen.

Hazardous Polymerization: May Occur May Not Occur

Conditions to Avoid: None known

SECTION VI - HEALTH HAZARD DATA

Route(s) of Entry: Ingestion? Yes Skin? Yes Inhalation? Yes Eyes? Yes

Health Hazards (Acute and Chronic): Eyes: Direct contact causes eye burns. Ingestion: Harmful if swallowed. May cause mouth, throat, and stomach burns. Skin: Causes skin burns. Inhalation: High levels of vapor or mist may cause nose, throat and respiratory tract irritation.

Carcinogenicity: NTP? No IARC Monographs? No OSHA Regulated? No

Signs and Symptoms of Exposure: Eyes: Symptoms may include pain, tearing, redness and eye injury. Ingestion: Symptoms may include nausea, vomiting, diarrhea and severe stomach pain. May also cause central nervous system effects such as dizziness and weakness. Skin: Symptoms may include pain, redness, swelling, scarring and skin damage. Inhalation: Symptoms may include coughing, wheezing and shortness of breath. May also cause central nervous system effects such as headache, dizziness and nausea.

Medical Conditions Generally Aggravated by Exposure: May aggravate pre-existing eye, skin and respiratory conditions.

Emergency & First Aid Procedures:

Eye Contact: Flush with large amounts of water for at least 15 minutes lifting upper and lower lids occasionally. Get immediate medical attention.

Inhalation: Remove to fresh air. Administer oxygen if breathing is difficult.

Skin Contact: Immediately flush with water for 15 minutes and then wash with soap and water. Immediately remove contaminated clothing and launder before reuse. Get medical attention if irritation develops or persists. Destroy contaminated shoes.

Ingestion: DO NOT induce vomiting. Rinse mouth out with water. Drink large amounts of water. Get immediate medical attention. Never give anything by mouth to an unconscious person.

SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE

Steps to be Taken in Case Material is Released or Spilled: Ventilate spill area. Contain and isolate spill. Use mop and/or absorbent material to contain product for proper disposal. Use non-metallic tools for cleaning and collection. Rinse area with water.

Waste Disposal Method: Dispose of according to local, state and federal laws and 40 CFR.

Precautions to be Taken in Handling and Storing: Store between 40 and 120 F.

SECTION VIII - CONTROL MEASURES

Respiratory Protection (Specify Type): Not required in well-ventilated areas. Use NIOSH/MSHA approved respirator if TLV is exceeded.

Ventilation: Mechanical (general) normally sufficient.

Protective Gloves: Where skin contact is possible, chemical resistant gloves should be worn.

Eye Protection: Wear chemical splash goggles when handling concentrate.

Other Protective Clothing or Equipment: As necessary to avoid skin contact. All contaminated clothing should be removed immediately and cleaned (or discarded) before reuse.

Work/Hygienic Practices: Avoid breathing spray mist.