

MATERIAL SAFETY DATA SHEET

Per 29 CFR 1910.1200

DATE PREPARED : 5/27/04

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

Health: 2

IDENTITY (As listed on label):

HMIS HAZARD RATINGS: Flammability: 1

8 POWER NB

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	10-15

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:	218 F	Specific Gravity (H2O=1):	1.053 @ 25 C
Vapor Pressure (mmHg):	Unknown	Melting Point:	Unknown
Vapor Density (Air=1):	Unknown	Evaporation Rate (=1):	Undetermined
Solubility in Water:	Complete		
Appearance and Odor:	Clear purple liquid with outdoor woody floral odor.		

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used): > 205 F (PMCC)

Flammable Limits LEL ND UEL ND

Extinguishing Media: Water, dry chemical, foam, carbon dioxide.

Special Fire Fighting Procedures: None

Unusual Fire and Explosion Hazards: None

SECTION V - REACTIVITY DATA

Stability Unstable ___ Stable X

Conditions to Avoid:

Incompatibility (Materials to Avoid): Strong oxidizers and acids

Hazardous Decomposition or Byproducts: Carbon monoxide, nitrogen oxides, sulfur oxides

Hazardous Polymerization: May Occur ___ May Not Occur X

Conditions to Avoid: None

SECTION VI - HEALTH HAZARD DATA

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

Health Hazards (Acute and Chronic): Eye - Direct contact may cause irritation. Ingestion - May cause gastrointestinal irritation and irritation of the mouth and throat. Skin - Prolonged or repeated contact may cause irritation. Inhalation - Excessive exposure may cause respiratory irritation. Chronic exposure may cause blood effects, and liver or kidney injury.

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

Signs and Symptoms of Exposure: Eye contact may cause irritation, seen as redness and swelling. Prolonged skin contact may cause irritation, seen as redness. Excessive inhalation of mists may be irritating and cause coughing and discomfort of the nose, throat, and chest. Ingestion may cause pain or discomfort in the mouth, throat and stomach.

Medical Conditions Generally Aggravated by Exposure: Ethanolamine may aggravate asthma and inflammatory or fibrotic pulmonary disease. May also aggravate an existing dermatitis.

Emergency & First Aid Procedures:

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

Inhalation: If affected, remove to fresh air. Administer oxygen if breathing is difficult.

Skin Contact: Wash with mild soap and water.

Ingestion: If conscious, dilute by giving at least two glasses of water. Call a physician immediately.

SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE

Steps to be Taken in Case Material is Released or Spilled: Absorb on solid absorbent and shovel into containers for disposal.

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 normally required. Use NIOSH/MSHA approved respirator if TLV is exceeded.

Ventilation: Normally sufficient

Protective Gloves: Butyl rubber if skin contact is likely.

Eye Protection: Goggles or safety glasses when handling concentrate.

Other Protective Clothing or Equipment: As necessary to avoid skin contact.

Work/Hygienic Practices: Avoid breathing spray mist.