

**MATERIAL SAFETY DATA SHEET**

Per 29 CFR 1910.1200

DATE PREPARED : 9/17/03

**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):  
**TERRAGREEN STRIPPER**

Health: 2  
HMIS HAZARD RATINGS: Flammability: 0  
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 (Monoethanolamine)	141-43-5	3 ppm	3 ppm	STEL 6 ppm	10-15
Dipropylene Glycol n-Butyl Ether	29911-28-2	NE	NE	NE	10-15
Isopropyl alcohol	67-63-0	400 ppm	400 ppm	STEL 550 ppm	<5

**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:	Unknown	Specific Gravity (H <sub>2</sub> O=1):	1.005 @ 25 C
Vapor Pressure (mmHg):	Unknown	Melting Point:	<30 F
Vapor Density (Air=1):	Unknown	Evaporation Rate (H <sub>2</sub> O=1):	Unknown
Solubility in Water:	Complete @ 1:4		

Appearance and Odor: Fluorescent green, mild odor.

**SECTION IV - FIRE AND EXPLOSION HAZARD DATA**

Flash Point (Method Used): None to boiling.  
Flammable Limits LEL Unknown UEL Unknown  
Extinguishing Media: Water, dry chemical, foam, carbon dioxide  
Special Fire Fighting Procedures: None  
Unusual Fire and Explosion Hazards: None

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**SECTION V - REACTIVITY DATA**

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Stability Unstable \_\_\_ Stable X

Conditions to Avoid: Freezing

Incompatibility (Materials to Avoid): Strong oxidizers and acids

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

Hazardous Polymerization: May Occur \_\_\_ May Not Occur X

Conditions to Avoid: None

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**SECTION VI - HEALTH HAZARD DATA**

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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.

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

Signs and Symptoms of Exposure: Eye contact will cause irritation, seen as redness and swelling. Prolonged skin will cause irritation seen as redness. Ingestion may cause pain or discomfort in the mouth, throat and stomach.

Medical Conditions Generally Aggravated by Exposure: 2-Aminoethanol 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: Do not induce vomiting. If conscious, dilute by giving at least two glasses of water. Call a physician immediately.

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**SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE**

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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.

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**SECTION VIII - CONTROL MEASURES**

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Respiratory Protection (Specify Type): Not normally required. Use NIOSH/MSHA approved respirator if TLV's 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 vapor from concentrate.