

MATERIAL SAFETY DATA SHEET

Per 29 CFR 1910.1200

DATE PREPARED : 1/09/02

SECTION I.

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

WEST COAST FACTORY
Richmond, California

SOUTHEASTERN FACTORY
Tampa, Florida

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

IDENTITY (As listed on label):
BRULIN NON-SILICATED HTD

Health: 1
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
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This product contains no hazardous chemical substances at 1.0% or more listed in 29 CFR 1910.1200 or ACGIH Threshold Limit Values. Also, this product contains no carcinogens at 0.1% or more listed in NTP Annual Report on Carcinogens, IARC Monographs, or 29 CFR 1910.1200. No components of this product are subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right-To-Know Act of 1986.

SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point:	212 F	Specific Gravity (H ₂ O=1):	1.068
Vapor Pressure (mm Hg):	Not determined.	Melting Point:	Approx. 30 F
Vapor Density (Air=1):	Not determined.	Evaporation Rate (water=1):	1.0
Solubility in Water:	Complete		

Appearance and Odor: Blue green non-viscous liquid with a mild odor.

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used): None to boiling (PMCC)
 Flammable Limits LEL NA UEL NA
 Extinguishing Media: Water, dry chemical, foam, or carbon dioxide.
 Special Fire Fighting Procedures:

Full protective equipment including self-contained breathing apparatus should be used. During emergency conditions, overexposure to decomposition products may cause a health hazard. Symptoms may not be readily apparent. Get medical attention. Water may be used to cool and protect closed containers from extreme heat.

Unusual Fire and Explosion Hazards:

None known. Closed containers may explode (due to build-up of pressure) when exposed to extreme heat.

SECTION V - REACTIVITY DATA

Stability Unstable ___ Stable X

Conditions to Avoid: Freezing

Incompatibility (Materials to Avoid): Strong oxidizers

Hazardous Decomposition or Byproducts: Carbon monoxide, carbon dioxide, oxides of nitrogen

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): Direct eye contact and prolonged or repeated skin contact may cause irritation seen as redness. Ingestion can cause irritation to mouth, throat & stomach. Inhalation can cause irritation to respiratory tract.

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

Signs and Symptoms of Exposure: Burning pain, itching, redness or swelling in the area of exposure. Additional symptoms are tearing of yes, dizziness, weakness, nausea, vomiting, coughing, choking, and difficulty in breathing.

Medical Conditions Generally Aggravated by Exposure: Skin irritation may be aggravated in persons with preexisting dermatitis. Breathing of mist or spray may aggravate acute or chronic asthma and other chronic pulmonary disease.

Emergency & First Aid Procedures:

Eye Contact: Flush with large amounts of water for 15 min. lifting upper & lower lids occasionally. Remove contact lenses if present. Get immediate medical attention.

Inhalation: If affected, remove victim to fresh air. Administer oxygen if breathing is difficult. If breathing has stopped, begin artificial respiration. Get immediate medical attention.

Skin Contact: Wash with mild soap and water. Remove contaminated clothing and launder before reuse.

Ingestion: If conscious, dilute by giving 2 glasses of water. Call physician or local poison control center 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 according to Federal, State and Local 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): None

Ventilation: Mechanical (General): Sufficient

Protective Gloves: Recommended (Rubber)

Eye Protection: Recommended

Other Protective Clothing or Equipment: None

Work/Hygienic Practices: Avoid breathing spray mist.