

MATERIAL SAFETY DATA SHEET

Per 29 CFR 1910.1200

DATE PREPARED : 4/1/05

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):
BRULIN MP 1793

Health: 1
HMIS HAZARD RATINGS: Flammability: 2
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
Isoparaffinic Hydrocarbon	64742-47-8	Not estab.	Not estab.	Supplier 300 PPM	10-20
Isoparaffinic Hydrocarbon	64742-48-9	Not estab.	Not estab.	Supplier 300 PPM	80-90

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:	360-405° F	Specific Gravity (H2O=1):	0.767
Vapor Pressure (mm Hg):	Approx. 1 @ 68° F	Melting Point:	Less than -76°F
Vapor Density (Air=1):	Approx. 5.8	Evaporation Rate (n Butyl Acetate=1):	0.05
Solubility in Water:	Negligible		
Appearance and Odor:	Clear liquid, very mild odor		

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used): 142° F PMCC / 156° COC

Flammable Limits LEL 1.3 UEL 8.6

Extinguishing Media: Foam, CO2, dry chemical

Special Fire Fighting Procedures: Self contained breathing apparatus should be provided for personnel. Water fog may be used to cool closed containers. Avoid spreading burning liquid with water used for cooling purposes.

Unusual Fire and Explosion Hazards: Never use welding or cutting torch on or near drum, even empty.

SECTION V - REACTIVITY DATA

Stability Unstable ___ Stable X

Conditions to Avoid: None Known

Incompatibility (Materials to Avoid): Strong oxidizers, acids or bases

Hazardous Decomposition or Byproducts: Thermal decomposition in the presence of air may yield carbon monoxide, carbon dioxide

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): ACUTE: Direct eye contact may cause irritation. Prolonged or repeated skin contact may cause irritation. High vapor concentrations are irritating to the eyes and respiratory tract, and may produce central nervous system effects. This product has a low order of acute oral toxicity, but minute amounts aspirated into the lungs during ingestion may cause mild to severe pulmonary injury and possible death. CHRONIC: Chronic skin exposure may cause defatting of the skin and lead to dermatitis.

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

Signs and Symptoms of Exposure: Eye and skin irritation seen as redness. Excessive inhalation may cause headache, dizziness, numbness.

Medical Conditions Generally Aggravated by Exposure: None known

Emergency & First Aid Procedures:

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

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

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

Ingestion: DO NOT INDUCE VOMITING. Keep warm, quiet and get immediate medical attention.

SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE

Steps to be Taken in Case Material is Released or Spilled: Remove all sources of ignition. Ventilate the area well. Absorb on solid absorbent and shovel into containers.

Waste Disposal Method: Dispose according to Federal, State and Local laws and 40 CFR.

Precautions to be Taken in Handling and Storing: Store between 0 and 120 F

SECTION VIII - CONTROL MEASURES

Respiratory Protection (Specify Type): If signs and symptoms of exposure are noted, use NIOSH/MSHA approved respirator. Consult your safety equipment supplier for recommendations.

Ventilation: Mechanical (general) ventilation is sufficient

Protective Gloves: Recommended

Eye Protection: Recommended

Other Protective Clothing or Equipment: Eye baths and safety showers in work areas recommended if splashing is likely to occur.

Work/Hygienic Practices: Avoid inhalation of vapors. Wash hands after handling.