

1 H	CHEMICAL NAME
2 F	General purpose spotter
3	MANUFACTURER
4	Brulin
5	DATE
6 PE	MSDS 02116B

Lab Safety Supply Inc.

Reorder No. 17135

# 02116 B

PRODUCT NAME: **GENERAL PURPOSE SPOTTER**

PRODUCT NUMBER: 131024

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MATERIAL SAFETY DATA SHEET

Per 29 CFR 1910.1200

DATE PREPARED: 3/11/93

**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 (317) 923-3233  
CHEMTREC 1-800-424-9300

IDENTITY (As listed on label):

GENERAL PURPOSE SPOTTER

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
Aliphatic Petroleum Distillates; C10-C13	68551-17-7	Not Estab.	Not Estab.	Supplier 400 PPM	90-90
d-Limonene	5989-27-5	Not Estab.	Not Estab.	None	5-10

**SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS**

Boiling Point:	320 F	Specific Gravity (H2O=1):	.786
Vapor Pressure (mm Hg):	2 psi @ 70 F	Melting Point:	Not Applicable
Vapor Density (Air=1):	Greater than 1	Evaporation Rate (n-Butyl Acetate=1):	0.7
Solubility in Water:	Insoluble		
Appearance and Odor:	Water white liquid, mild naphtha odor.		

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

Flammable Limits LEL .9 UEL 6  
 Extinguishing Media: Carbon dioxide, dry chemicals or aqueous foam  
 Special Fire Fighting Procedures: Wear self contained breathing apparatus. Water fog may be used to cool closed containers.  
 Unusual Fire and Explosion Hazards: Never use welding or cutting torch on or near drum, even empty.

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### SECTION V - REACTIVITY DATA

Stability Unstable \_\_\_ Stable X  
Incompatibility (Materials to Avoid): Conditions to Avoid: Heat, open flames  
Strong oxidizers  
Hazardous Decomposition or Byproducts: Carbon dioxide, carbon monoxide  
Hazardous Polymerization: May Occur \_\_\_ May Not Occur X  
Conditions to Avoid: None

### SECTION VI - HEALTH HAZARD DATA

Route(s) of Entry: Ingestion? Yes Skin? No Inhalation? Yes Eyes?  
Health Hazards (Acute and Chronic): Eyes - Direct contact may be irritating. Skin - Prolonged or repeated contact may be mildly irritating. Ingestion - May irritate the stomach and intestines. Toxicity by ingestion is low; however, minute amounts aspirated into the lungs during ingestion may cause mild to severe pulmonary injury and possible death. Inhalation - May irritate the respiratory tract and cause central nervous system effects.  
Carcinogenicity: NTP? No IARC Monographs? No OSHA Regulated? No  
Signs and Symptoms of Exposure: Eye and skin irritation seen as redness. Excessive inhalation seen as headache, dizziness, nausea, unconsciousness.  
Medical Conditions Generally Aggravated by Exposure: None Known  
Emergency & First Aid Procedures:  
Eye Contact: Flush with large amounts of water for 15 min. lifting upper & 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 person 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 40 and 100 F.

### SECTION VIII - CONTROL MEASURES

Respiratory Protection (Specify Type): If recommended limits are exceeded, cartridge mask for organic vapors.  
Ventilation: Provide sufficient mechanical (general and/or local exhaust ventilation to maintain exposure below TLV(s).  
Protective Gloves: Recommended  
Eye Protection: Recommended  
Other Protective Clothing or Equipment: None  
Work/Hygienic Practices: Avoid breathing spray mist. Wash hands after handling.