

May be used to comply with OSHA's Hazard Communication Standard, 29 CFR 1910.1200. Standard must be consulted for specific requirements

Occupational Safety and Health Administration  
(Non-Mandatory Form)  
Form Approved  
OMB No. 1218-0072

## EMULSIFYING DEGREASER

Distributor's Name	Emergency Telephone Number
BRADY INDUSTRIES, INC.	(800) 424-9300

Address (Number, Street, City, State & ZIP Code) Telephone Number for Information  
4175 SOUTH ARVILLE (702) 876-3990

LAS VEGAS, NEVADA 89103		Date Prepared 2/22/02 Supercedes 9/18/01
		Signature of Preparer (optional)

Hazardous Components (Specific Chemical Identity; Common Name(s))		OSHA PEL	ACGIH TLV	Recommended Other Limits	% (optional)
PETROLEUM DISTILLATES	CAS #64742-88-7	500PPM	100PPM	NONE	25-45%
TERPENE SOLVENT	CAS #5989-27-5	N/A	N/A	NONE	30-50%

COMBUSTIBLE LIQUID, N.O.S.  
(D-LIMONENE MIXTURE)  
COMBUSTIBLE, NA 1993, PGIII

HAZARD RATING:	HEALTH	=	1
4-EXTREME	FIRE	=	2
-HIGH	REACTIVITY	=	0
2-MODERATE	SPECIFIC HAZARDS	=	N/A
1-SLIGHT			
0-INSIGNIFICANT			

Boiling Point	340°F	Specific Gravity (H2O = 1)	0.85
Vapor Pressure (mm Hg)	NOT TESTED	Melting Point	NOT TESTED
Vapor Density	HEAVIER 5	Evaporation Rate (Butyl Acetate = 1)	0.1
Solubility in Water	FORMS A MILKY WHITE EMULSION		

Appearance and Odor  
CLEAR COLORLESS LIQUID WITH A CITRUS ODOR.

Flash Point (Method Used)	Flammable Limits	LEL	UEL
130°F T.C.C.		0.8%	6.5%

Extinguishing Media  
CARBON DIOXIDE, FOAM, OR DRY CHEMICAL

Special Fire Fighting Procedures  
USE SELF-CONTAINED BREATHING EQUIPMENT.

Unusual Fire and Explosion Hazards  
THIS PRODUCT IS A COMBUSTIBLE MATERIAL. VAPORS ARE HEAVIER THAN AIR AND MAY TRAVEL ALONG THE GROUND.

(Reproduce locally)

OSHA 174, Sept. 1985

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**SECTION V - REACTIVITY DATA**

<b>Stability</b>	Unstable	Conditions to Avoid
	Stable	xxx HEAT, SPARKS, FLAMES OR OTHER IGNITION SOURCES.

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Incompatibility (Materials to Avoid)

STRONG OXIDIZING AGENTS SUCH AS CHLORINE BLEACH

Hazardous Decomposition or Byproducts

CARBON MONOXIDE OR CARBON DIOXIDE

<b>Hazardous</b>	May Occur	Conditions to Avoid
<b>Polymerization</b>	Will Not Occur	xxx NONE

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**SECTION VI - HEALTH HAZARD DATA**

Route(s) of Entry:	Inhalation?	Skin?	Ingestion?
	POSSIBLE	YES	YES

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Health Hazards (Acute and Chronic)

THIS IS A SOLVENT PRODUCT WHICH CAN IRRITATE TISSUE. ASPIRATION OF THIS LIQUID INTO THE LUNGS CAN CAUSE PNEUMONITIS WHICH CAN BE FATAL.

Emergency and First Aid Procedures

**EYES:** FLUSH WITH RUNNING WATER FOR 15 MINUTES LIFTING UPPER AND LOWER LIDS OCCASIONALLY. IF IRRITATION PERSISTS, GET IMMEDIATE MEDICAL ATTENTION.

**SKIN:** THOROUGHLY WASH WITH SOAP AND WATER. USE SKIN CREAM. REMOVE CONTAMINATED CLOTHING AND LAUNDRY BEFORE RE-USE.

**INHALATION:** MOVE TO FRESH AIR. IF BREATHING IS DIFFICULT, GET IMMEDIATE MEDICAL ATTENTION.

**INGESTION:** DO NOT INDUCE VOMITING. GET IMMEDIATE MEDICAL ATTENTION. IF VOMITING OCCURS, KEEP HEAD BELOW HIPS TO PREVENT ASPIRATION OF LIQUID INTO THE LUNGS.

**NOTE: DO NOT GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.**

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

Steps to Be Taken in Case Material is Released or Spilled

REMOVE ALL FLAMES, PILOT LIGHTS, OR IGNITION SOURCES FROM THE AREA AND DIKE SPILL WITH SAND, VERMICULITE, OR OTHER INERT ABSORBENT. WEAR RUBBER BOOTS, GLOVES, AND RESPIRATOR FOR ORGANIC SOLVENTS. PLACE CONTAMINATED ABSORBENT IN D.O.T. APPROVED CONTAINER. NOTE: VAPOR IN CONTAINER IS COMBUSTIBLE.

Waste Disposal Method

CONTACT STATE OR LOCAL AUTHORITIES FOR DETAILS.

Precautions to Be Taken in Handling and Storing

STORE IN A COOL DRY AREA AWAY FROM INCOMPATIBLE MATERIALS. KEEP CONTAINER TIGHTLY SEALED WHEN NOT IN USE.

Other Precautions

KEEP OUT OF REACH OF CHILDREN

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**SECTION VII - CONTROL MEASURES**

Respiratory Protection (Specify Type)

NONE REQUIRED WITH GOOD VENTILATION, OTHERWISE USE NIOSH APPROVED RESPIRATOR FOR ORGANIC SOLVENTS.

<b>Ventilation</b>	Local Exhaust	Special
	IF AVAILABLE	NONE

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Mechanical (General)	Other
IF AVAILABLE	NONE

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Protective Gloves	Eye Protection
NITRILE RUBBER	CHEMICAL SPLASH GOGGLES

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Other Protective Clothing or Equipment
RUBBER BOOTS AND APRON

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Work/Hygienic Practices
USE CARE AND COMMON SENSE

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