

MATERIAL SAFETY DATA SHEET

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

U.S. DEPARTMENT OF LABOR

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

IDENTITY (As Used on Label and List)

EMULSION CITRUS DEGREASER

SECTION I

Distributor's Name

BRADY INDUSTRIES, INC.

Emergency Telephone Number

(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

8/21/98

Signature of Preparer (optional)

SECTION II - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

Hazardous Components (Specific Chemical Identity; Common Name(s))	CAS	OSHA PEL	ACGIH TLV	Recommended	% (optional)
				Other Limits	
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:**4-EXTREME****-HIGH****2-MODERATE****1-SLIGHT****0-INSIGNIFICANT****HEALTH = 1****FIRE = 2****REACTIVITY = 0****SPECIFIC HAZARDS = N/A****SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS**

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.

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used)

130°F T.C.C.

Flammable Limits

LEL

UEL

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.

SECTION V - REACTIVITY DATA

Stability

Unstable

Stable

XXX

Conditions to Avoid

HEAT, SPARKS, FLAMES OR OTHER IGNITION SOURCES.

Incompatibility (Materials to Avoid)

STRONG OXIDIZING AGENTS SUCH AS CHLORINE BLEACH

Hazardous Decomposition or Byproducts

CARBON MONOXIDE OR CARBON DIOXIDE

Hazardous May Occur Conditions to Avoid

Polymerization

Will Not Occur XXX

NONE

SECTION VI - HEALTH HAZARD DATA

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

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 LAUNDRER 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.

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

SECTION VII - CONTROL MEASURES

Respiratory Protection (Specify Type)

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

Ventilation	Local Exhaust	Special
	IF AVAILABLE	NONE
	Mechanical (General)	Other
	IF AVAILABLE	NONE

Protective Gloves	Eye Protection
NITRILE RUBBER	CHEMICAL SPLASH GOGGLES

Other Protective Clothing or Equipment

RUBBER BOOTS AND APRON

Work/Hygienic Practices

USE CARE AND COMMON SENSE