

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)

HIGH VISCOSITY DEGREASER

SECTION I

Manufactured For:

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

1/29/2001

Signature of Preparer (optional)

SECTION II - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

Hazardous Components (Specific Chemical Identity; Common Name(s))	OSHA PEL	ACGIH TLV	Recommended Other Limits	% (optional)
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SODIUM HYDROXIDE

CAS #1310-73-2

2mg/M₃2mg/M₃

>1%

DOT CLASS:

SODIUM HYDROXIDE SOLUTION

8, UN1824, PGII

HAZARD RATING:**4-EXTREME****3-HIGH****2-MODERATE****1-SLIGHT****0-INSIGNIFICANT****HEALTH****= 3****FIRE****= 0****REACTIVITY****= 1****SPECIFIC HAZARDS = N/A****SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS**

Boiling Point

214°F

Specific Gravity (H₂O = 1)

1.14

Vapor Pressure (mm Hg)

N/A

Melting Point

15°F

Vapor Density

N/A

Evaporation Rate (Butyl Acetate = 1)

NOT TESTED

Solubility in Water

COMPLETELY SOLUBLE

pH

13.5

Appearance and Odor

CLEAR, DARK ORANGE WITH ALKALI SURFACTANT ODOR

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used)

NON-FLAMMABLE

Flammable Limits

N/A

LEL

N/A

UEL

N/A

Extinguishing Media

WILL NOT BURN OR SUPPORT COMBUSTION

Special Fire Fighting Procedures

USE SELF-CONTAINED BREATHING EQUIPMENT AND COVER ALL EXPOSED SKIN.

Unusual Fire and Explosion Hazards

EXCESSIVE HEAT MAY PRODUCE CAUSTIC FUMES

(Reproduce locally)

OSHA 174, Sept. 1985

SECTION V - REACTIVITY DATA**Stability** Unstable

Conditions to Avoid

Stable

XXX

HEAT AND STRONG ACIDS OR OXIDIZERS

Incompatibility (Materials to Avoid)HYDROCHLORIC, SULPHURIC, PHOSPHORIC, OR OTHER STRONG ACIDS

Hazardous Decomposition or Byproducts

Hazardous May Occur

Conditions to Avoid

Polymerization

Will Not Occur

XXX

NONE

SECTION VI - HEALTH HAZARD DATA

Route(s) of Entry:

Inhalation? Skin?

Ingestion?

NO

YES

YES

Health Hazards (Acute and Chronic)THIS IS A CAUSTIC ALKALI PRODUCT WHICH IS CORROSIVE TO TISSUE

Emergency and First Aid Procedures

EYES: FLUSH WITH WATER FOR 15 MINUTES, LIFTING UPPER AND LOWER EYELIDS REGULARLY. IF IRRITATION PERSISTS, CONTACT A PHYSICIAN.

SKIN: WASH WITH SOAP AND WATER FOR 15 MINUTES. IF IRRITATION PERSISTS, CONTACT A PHYSICIAN. ANY CONTAMINATED CLOTHING MUST BE WASHED BEFORE RE-USE.

INGESTION: DO NOT INDUCE VOMITING. DRINK PLENTY OF WATER FOLLOWED BY ORANGE, LEMON OR GRAPEFRUIT JUICE. GET IMMEDIATE MEDICAL ATTENTION.

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 SpilledSOAK UP WITH AN INERT ABSORBENT MATERIAL SUCH AS SAND OR VERMICULITE AND PLACE IN AN APPROVED WASTE DISPOSAL CONTAINER.

Waste Disposal MethodCONTACT STATE OR LOCAL AUTHORITIES FOR DETAILS

Precautions to Be Taken in Handling and StoringSTORE IN A COOL DRY PLACE AWAY FROM INCOMPATIBLE MATERIALS

Other PrecautionsKEEP OUT OF REACH OF CHILDREN

SECTION VIII - CONTROL MEASURES

Respiratory Protection (Specify Type)NOT REQUIRED WITH GOOD VENTILATION

Ventilation

Local Exhaust

Special

IF AVAILABLENONE

Mechanical (General)

Other

IF AVAILABLENONE

Protective GlovesRUBBER OR PLASTIC

Eye Protection

SAFETY GLASSES, GOGGLES, OR FACE SHIELD

Other Protective Clothing or EquipmentRUBBER OR NEOPRENE APRON

Work/Hygienic PracticesUSE CARE AND COMMON SENSE