

MATERIAL SAFETY DATA SHEET

MAINTEX, INC., 13300 EAST NELSON AVENUE, CITY OF INDUSTRY, CALIFORNIA 91746

626-961-1988

24 Hour Emergency Response (800) 255-3924**MANUFACTURED FOR: SMART & FINAL****TRADE NAME: HEAVY DUTY FLOOR STRIPPER****CHEMICAL OR COMMON NAME:**

Heavy Duty Floor Stripper

HAZARDOUS COMPONENTS

MATERIAL	CAS #	%	TLV(ppm)	OTHER
1. Sodium hydroxide	1310-73-2	2-5	2 mg/m3	
2. Ethanolamine	141-43-5	2-5	3 mg/m3	
3. 2-Butoxyethanol*	111-76-2	2-5	25	OSHA -50

* This product is subject to the reporting requirements of Section 313 of the SARA Title III.

PHYSICAL DATA

BOILING PT(Degrees F): >212	FREEZE PT(Degrees F): < 40
SPECIFIC GRAVITY: 1.04	SOLUBILITY IN WATER: Soluble (100%)
APPEARANCE: Green Liquid	VOLATILES(% by WT.): 89
PERCENT ACTIVE: 21	VAPOR DENSITY(AIR=1): Over 1
VAPOR PRESSURE(@ 68 Degrees F): <17 mm Hg	ODOR: Pleasant
EVAPORATION RATE(BUTYL ACETATE=1): <1	pH: 13-14
***< means less than; > means more than	VOC: < 120 grams per liter
***These physical data are typical values based on material tested but may vary from sample to sample. Typical values should not be construed as a guaranteed analysis of any specific lot or as specification items.	

FIRE AND EXPLOSION HAZARD INFORMATION

FLASH POINT (Degrees F Setflash): Over 200 AUTOIGNITION TEMP (Degrees F): No Data
 FLAMMABLE LIMITS IN AIR Volume %. Lower: No Data Upper: No Data
 EXTINGUISHING MEDIA: WATER SPRAY, FOAM, CO2, DRY CHEMICAL.
 SPECIAL FIREFIGHTING PROCEDURES: Firefighters should wear self-contained breathing apparatus with a full facepiece in positive pressure mode.
 UNUSUAL FIRE AND EXPLOSION HAZARDS: Use water fog/spray to cool and lower the pressure of fire exposed containers.

NFPA HAZARD RATING

Health (blue): 2 Flammability(red): 1 Reactivity (yellow): 0
 Least - 0 Slight - 1 Moderate - 2 High - 3 Extreme -4

HEALTH HAZARD DATA

***It is important to determine whether exposure is to concentrated or dilute product. The information included in this document is intended to deal with exposure to concentrated product. Generally, exposure to diluted product will result in substantially less risk of injury than described herein

PRINCIPLE ROUTES OF EXPOSURE: Inhalation, eyes, skin contact.

EFFECTS OF ACUTE OVEREXPOSURE

CONTACT WITH EYES: This product will cause burns that result in damage to the eyes and even blindness if the solution remains in contact with the eye.

CONTACT WITH SKIN: Contact with concentrate solution will result in dry skin. Prolonged or repeated contact may cause irritation.

INHALATION: Airborne concentrations of mist, or vapor may cause damage to the upper respiratory tract. If the product is heated, vapors are acutely toxic if inhaled.

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INGESTION: Swallowing will irritate throat, esophagus and digestive tract. Product may cause burns to mucous membranes of the mouth, throat, esophagus and stomach.

EFFECTS OF CHRONIC OVEREXPOSURE: Respiratory tract tissue damage may result in increased susceptibility to respiratory illness.

HEALTH EFFECTS OR RISKS FROM EXPOSURE: Repeated excessive exposure may cause liver or kidney effects.

EMERGENCY AND FIRST AID PROCEDURES

EYES: In case of contact immediately flush eyes with plenty of water for at least 15 minutes. Call a physician.

SKIN: Wash affected skin area with water. Do not allow contaminated clothing to remain in contact with the skin.

INHALATION: If discomfort is experienced, remove to fresh air. If breathing is difficult, give oxygen and call physician.

INGESTION: Give plenty of water. Do not induce vomiting. Wash out mouth area. Call a physician.

TOXICITY DATA

SUSPECTED CANCER AGENT: NO
PROPOSITION 65: NO

OSHA REGULATED: NO
NTP & IARC: NO

REACTIVITY DATA

STABILITY: STABLE

CONDITIONS TO AVOID: Heat, sparks, open flame.

MATERIALS TO AVOID: Strong oxidizers; strong mineral acids, reactive metals (copper, brass, aluminum, tin, zinc), wool and leather.

HAZARDOUS DECOMPOSITION PRODUCTS: Carbon monoxide, carbon dioxide.

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR

SPILL OR LEAK PROCEDURES

WARNING: The floor surface may be slippery. Use care walking, working, and standing.

LARGE SPILLS: (Over 55 gallons) Wear rubber boots or enclosed shoe with rubber soles. Shut off source of leak if safe to do so. Dike and contain spill.

SMALL SPILLS: Mop up and rinse area

WASTE DISPOSAL METHOD: Dispose of wastes in accordance with federal, state and local regulations.

SPECIAL PROTECTION INFORMATION

STORAGE AND HANDLING PRECAUTIONS: Store away from heat, sparks and open flame.
VENTILATION AND ENGINEERING CONTROLS: Mechanical local exhaust ventilation at point of contaminant release.

RESPIRATORY PROTECTION: Where exposure limits are exceeded use NIOSH approved respirator.

PROTECTIVE GLOVES: Use of rubber gloves will decrease skin dryness.

EYE PROTECTION: Chemical splash glasses or face shield.

FOOT PROTECTION: Rubber boots or enclosed shoes with rubber soles must be worn during floor stripping operations.

SPECIAL PRECAUTIONS

PRECAUTIONARY STATEMENTS: WARNING: CORROSIVE: Contains sodium hydroxide. May cause burns. Keep out of reach of children. Harmful or fatal if swallowed.

Do not get in eyes, on skin or on clothing. Do not take internally.

OTHER PROTECTIVE EQUIPMENT: Eyewash, Protective clothing.

D.O.T. INFORMATION: Corrosive Liquid N.O.S., 8, UN1760, PGII

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