



1 REMOVER

Maximum Performance Stripper

DESCRIPTION

#1 Remover breaks down all floor finishes and non-permanent sealers completely with less dwell time, reducing your costs. **#1 Remover** does not contain any NPEs (nonyl phenol ethoxylates), APEs (alkyl phenol ethoxylates), butyl-based solvents or phosphates and the lower VOCs (volatile organic compounds) result in lower odor and a safer environment. The time required to liquefy and lift floor finishes and sealers has been reduced from the old 10 to 15 minutes of other strippers to only 5 minutes for the newly formulated **# 1 Remover**. THIS SAVES YOU TIME AND MONEY.

#1 Remover is for use on all types of flooring such as resilient tile, terrazzo, marble, stone, vinyl and vinyl composites. NOTE: Manufacturers of linoleum flooring do not recommend strippers be used on their floors unless they have a low pH like Maxim's *Burlesque*, which was developed specifically for linoleum.

DIRECTIONS

Procedures:

1. Dust mop entire surface to be stripped.
2. Dilute **#1 Remover** with cold or warm water (refer to the dilution ratio below). Apply this dilution to an area approximately 10 ft x 10 ft and allow 5 minutes for **#1 Remover** to liquefy finish. Do not permit stripper to dry on floor.
3. Scrub thoroughly with a floor machine and blue or black pad. If you do not have a machine, agitate with a mop or doodle bug holder and pad - longer dwell times may be required.
4. Pick up the solution with a wet-vac, auto-scrubber or mop and rinse the floor with a dilution of *NeutraMax* at 1 oz per US gallon of cold water (8 ml/liter)(1:128).

Heavy finish build-up:

Use 26 oz per US gallon of water (200 ml/litre) (1:5).

Light finish build-up:

Use 13 oz per US gallon of water (100 ml/litre) (1:10).

PHYSICAL DATA

Appearance	Clear liquid
Color	None
Odor	Mild
Foam	Low-moderate
pH	12.0 – 13.0

MATERIAL SAFETY DATA SHEET

SECTION 1 – PRODUCT/MANUFACTURER'S IDENTITY

Product Name: **#1 REMOVER**

WHMIS CODE: E
 Proper Shipping Name: CORROSIVE LIQUID, N.O.S.
 (ethanolamine)
 Hazard Class: Class 8, PG II
 UN Number: UN1760

HMIS	
3	Health
0	Flammability
0	Reactivity
B	Personal

Product Use: *Floor Stripper.*

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EMERGENCY PHONE
 Canada: Canutec 613-996-6666
 U.S.A.: Chemtrec 800-424-9300

A=Goggles, B=Goggles & Gloves
 C=Goggles, Gloves and Apron

ABBREVIATION KEY: N/A=Not Applicable, N/E=Not Established, N/D=Not Determined, > =Greater Than

SECTION 2 – HAZARDOUS INGREDIENTS INFORMATION

INGREDIENT	CAS NO.	RANGE %	PEL	TLV
BENZYL ALCOHOL LD50 (oral rat) 1230 mg/kg	100-51-6	10.0-15.0	N/A	N/E
MONOETHANOLAMINE LD50 (oral rat) 1720 mg/kg	141-43-5	1.0-5.0	3 ppm	3 ppm
CAPRYLIC ACID LD50 (oral rat) 10,080 mg/kg	124-07-2	1.0-5.0	N/A	N/A
SODIUM HYDROXIDE LD50 (oral rat) 340 mg/kg	1310-73-2	1.0-5.0	2 mg/m3	2 mg/m3
ETHYLENE GLYCOL MONOPHENYL ETHER LD50 (oral rat) 1260 mg/kg	122-99-6	1.0-5.0	N/A	N/A
SODIUM METASILICATE LD50 (oral rat) 1153 mg/kg	6834-92-0	1.0-5.0	N/A	N/E

SECTION 3 – PHYSICAL DATA

Color and Odor: Clear, colorless / slight odor. **Boiling Point:** N/D **Vapor Pressure (mm HG):** N/D **pH:** 12.5 +/- 0.5
Physical State: Liquid. **Melting Point:** N/A **Vapor Density:** N/D **Specific Gravity:** 1.06 @ 20°C
Coef. Water/Oil Dist: Greater than 1.0 **Evaporation Rate:** N/D **Solubility in Water:** Soluble **Odor Threshold:** No Data

SECTION 4 – FIRE AND EXPLOSION HAZARD DATA

Flash Point and Method: None to 100°C (TCC) **Sensitivity to Mechanical Impact:** None. **Extinguishing Media:** Not flammable.
Flammable Limits: None known. **Sensitivity to Static Discharge:** None. **Auto ignition Temperature:** None known.
Unusual Fire and Explosion Hazards: None. **Conditions of Flammability:** None.
Hazardous Combustion Products: Carbon and nitrogen oxides, ammonia gases.
Special Fire Fighting: Wear NIOSH/MSHA approved, self-contained breathing apparatus for fire fighting situation. Use water spray to cool all nearby fire exposed surfaces.

SECTION 5 – REACTIVITY DATA

Chemical Stability: Stable under normal storage conditions. **Hazardous Polymerization:** Will not Occur.
Incompatibility (material to avoid): Strong oxidizers and acid.
Hazardous Decomposition Products: Carbon & nitrogen oxides, ammonia fumes upon thermal decomposition.

SECTION 6 – TOXICOLOGICAL DATA

Exposure Limits: See Section 2 under Hazardous Ingredient. **Routes of Entry:** Skin, eyes, inhalation.
Irritancy of Product: Corrosive to skin, eyes and respiratory system. **Carcinogenicity:** None known.
Sensitization: None known. **Mutagenicity:** None known.
Name of Toxicological Synergistic Product: None known. **Reproductive Toxicity:** None known.
Teratogenicity: None known.
Effects of Chronic Exposure: Prolonged or repeated exposure may cause skin irritation or dermatitis, respiratory disorder or lung damage.
Effects of Acute Exposure to Product: Product exposure can cause burns or damage to skin and eyes. Inhalation of mists may cause irritation and breathing difficulties. Ingestion may cause gastro-intestinal, abdominal discomfort and symptoms similar to inhalation.

SECTION 7 – PREVENTATIVE AND CONTROL MEASURES

Respiratory Protection: Normally not required. If product is misted or sprayed, use a NIOSH/MSHA approved mist & organic vapour respirator.
Ventilation: Good general ventilation or local exhaust ventilation for spraying and misting in confined areas.
Protective Gloves: Butyl rubber or Neoprene gloves.
Eye Protection: Chemical goggles, safety goggles or face shield.
Protective Clothing and Equipment: Long sleeve coveralls. Eye wash recommended in the immediate work area.
Storage and Handling Procedures: Use good industrial hygiene. Do not get in eyes. Avoid contact with skin and clothing. Avoid breathing sprays or mists. Store in a cool, dry place away from incompatibles. Keep container closed when not in use. Do not mix with any other chemicals. Store at temperatures below 30°C (86°F) and keep from freezing.
Disposal Procedures for Spills or Leaks: Wear protective equipment. Dike and contain large spills. Pump spills into an approved waste container. For small spills, soak up with a suitable absorbent such as clay, soil or commercially available absorbents, and then dispose of into an approved waste container. Keep away from sewers and out of natural waters.
Waste Disposal Method: Reuse if possible. Otherwise dispose recovered material in accordance with all local, Provincial or Federal regulations.
Special Shipping Information: Keep at temperatures between 10-30°C (50-86°F).

SECTION 8 – EMERGENCY FIRST AID PROCEDURES

First Aid:
 If swallowed, give plenty of clean water to drink to dilute product. Do not induce vomiting. Call a Physician. In case of contact with eyes, flush with clean water for 15 minutes. Get medical attention. For contact with skin, wash with clean water and rinse well. If irritation occurs or persists, get medical attention.

PREPARATION DATA

PREPARED BY: Technical Service / Regulatory Division

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THE INFORMATION PROVIDED IN THIS MATERIAL SAFETY DATA SHEET HAS BEEN OBTAINED FROM CURRENT SOURCES AND IS BELIEVED TO BE RELIABLE