



PREPARE Floor Stripper

Section 1: Identification

Product Name: PREPARE Floor Stripper
Manufacturer's Name: Kitter Corporation
Address: 100 S. Cleveland (P.O. Box 9680) Amarillo, Texas 79105
Emergency Phone Number: Chem-Tel 1-800-255-3924
Product Stewardship: 806-376-1448
Date Prepared: June 8, 2003

Section 2: Composition / Information on Ingredients

CHEMICAL	C.A.S. NUMBER	WEIGHT %
Water	7732-18-5	85 - 99
Potassium Hydroxide	1310-58-3	1 - 3
2-butoxyethanol	111-76-2	5 - 10
Tetrapotassium pyrophosphate	7320-34-5	1 - 2
Monoethanolamine	141-83-5	1 - 5
Diethyleneimide oxide	110-91-8	1 - 3
Ammonium Hydroxide	1336-21-6	<1

OSHA Hazardous Components (29 CFR 1910.1200):

	OSHA PEL	ACGIH TLV
Sodium Hydroxide	2 mg/ml	2 mg/ml TWA
Butoxyethanol	100 ppm	100 ppm TWA
Monoethanolamine	Not Listed	3 ppm TWA; 6 ppm STEL
Diethyleneimide oxide	20 ppm	20 ppm TWA
Ammonium Hydroxide	500 ppm	25 ppm TWA; 35 ppm STEL

Section 3: Hazard Identification

Potential Health Effects:

Eyes: Contact with eyes may cause severe irritation or damage.

Skin: Product is mild skin irritant. Prolonged or repeated contact with skin may cause irritation.

Ingestion: Harmful if swallowed. Swallowing may cause abdominal discomfort, nausea, vomiting and diarrhea.

Inhalation: Concentrated vapors can cause irritation of the lungs.

Medical Conditions Aggravated by Overexposure: Repeated skin contact may cause dermatitis.

Section 4: First Aid Measures

Eye Contact: Immediately flush eyes with water for at least 15 minutes. Seek medical attention.

Skin Contact: Wash skin with water and remove contaminated clothing. Do not reuse contaminated clothing.

Ingestion: Do not induce vomiting. If conscious and alert, give two glasses of water. Seek medical attention immediately.

Inhalation: Remove to fresh air. Seek medical attention if symptoms persist.

Section 5: Fire Fighting Measures

Flash Point & Method: >200°F, TCC Method

Flammable Limits: LEL – N/A UEL – N/A

Auto ignition Temperature: Not Determined

General Hazard: Combustible liquid can form combustible mixtures at temperatures at or above the flashpoint.

Fire Fighting Instructions: Use self-contained breathing apparatus for maximum respiratory protection. Use water spray to cool containers in area.

Unusual Fire & Explosion Hazards: This product is volatile and gives off invisible vapors. Either the liquid or vapor may settle in low areas or travel some distance along the ground or surface to ignition sources where they may ignite or explode.

Section 6: Accidental Release Measures

Small Spills: Soak up with absorbent. Shovel in waste containers.

Large Spills: Recover spilled material for reprocessing or disposal. See Section 13 for proper disposal information.

Section 7: Handling & Storage

Storage Temperature: Ambient

Storage Pressure: Atmospheric

General: Keep container closed when not in use. Store in a cool, well-ventilated area. Avoid overheating or freezing.

Wash thoroughly after handling. Keep out of reach of children. Spilled material is slippery.

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Section 8: Exposure Control / Personal Protection

Engineering Controls: Local exhaust ventilation is acceptable. Mechanical ventilation is recommended.

Personal Protection:

Respiratory Protection: If vapors, fumes or dusts are present use a MSHA or NIOSH approved respirator, a fresh air breathing apparatus or a self-contained breathing apparatus.

Hand Protection: Water repellent gloves.

Eye Protection: Goggles or full face shield.

Other Recommendations: Not required.

Section 9: Physical & Chemical Properties

Specific Gravity (H ₂ O=1)	1.09	Boiling Point	>200°F
Vapor Pressure (mmHg.)	N/A	Melting Point	N/A
Vapor Density (AIR=1)	>1	Solubility in Water	100%
Evaporation Rate (n-BuAc=1)	<1	pH	10 - 11

Appearance and Odor: Green liquid with a sassafras odor.

Section 10: Stability & Reactivity

General: Stable, hazardous polymerization will not occur.

Incompatible Materials: Reactive alkali metals, strong acids and bases.

Hazardous Decomposition: Forced combustion yields carbon oxides.

Section 11: Toxicological Information

Results of Component Toxicity Tests Performed:

For Potassium Hydroxide (1310-58-3): Oral LD₅₀ = 273 mg/kg, (Rat)

For 2-butoxyethanol (111-76-2): Oral LD₅₀ = 1.4 g/kg, (Guinea Pig); Dermal LD₅₀ >2 g/kg (Guinea Pig);

Inhalation LC₅₀ > 650 ppm (Guinea Pig)

For Monoethanolamine (141-83-5): Oral LD₅₀ = 1000 mg/kg (Rabbit)

For Diethyleneimide oxide (110-91-8): Oral LD₅₀ = 1.05-1.6 g/kg (Rat)

For Ammonium Hydroxide (1336-21-6): Oral LD₅₀ = 350 mg/kg (Rat); Inhalation LC₅₀ = 2000 ppm 4 hr (Rat)

No Chemicals used in this product are listed as carcinogens or suspected carcinogens by the National Toxicological Program, IARC monographs or OSHA.

Section 12: Ecological Information

Aquatic Effects: LC₅₀ 96-hour for Fish = <1 mg/m³

EC₅₀ 48-hour "Daphnia magna" = <1 mg/m³

Section 13: Disposal Considerations

Waste Disposal Method: Recover liquid or dispose waste material in accordance with all applicable federal, state and local regulations and laws. Material collected with absorbent may be disposed of in a permitted landfill.

RCRA 40 CFR 261 Classification: Unused material is not regulated.

Section 14: Transportation Information

U.S. DOT Information:

Proper Shipping Name: CORROSIVE LIQUID, BASIC, INORGANIC, N.O.S., (contains POTASSIUM HYDROXIDE)

Hazard Class: 8

Packing Group: III

UN Number: 1814

Limitations: N/A

Section 15: Regulatory Information

U.S. Federal Regulations: MSDS complies with OSHA's Hazard Communication Rule, 29CFR1910.1200.

CERCLA /Superfund, 40 CFR 117: N/A

SARA Superfund and Reauthorization Act of 1986 Title III Sections 302, 311, 312 and 313:

Section 302: None of the chemicals are listed in Section 302

Section 311 / 312: By our hazard evaluation, this product is hazardous.

EPA Hazard: Immediate (acute) health hazard.

Section 313: None of the chemicals are listed in Section 313.

TSCA: All substances are TSCA Listed.

Section 16: Other Information

Revision Dates, Sections, Revised By: 06-09-2003, CREATED, D. Sloan

Abbreviations used in this Document: N/A – Not Applicable, N/E – Not Established

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