



Kitter Corporation Material Safety Data Sheet

ENZYME FLOOR CLEANER

Section 1: Identification

Product Name: **ENZYME FLOOR CLEANER**
Manufacturer's Name: Kitter Corporation
Address: 100 S. Cleveland (P.O. Box 9680) Amarillo, TX 79105
Emergency Phone Number: Chem-Tel 1-800-255-3924
Product Stewardship: 806-376-1448
Date Prepared: September 14, 2009

Section 2: Composition / Information on Ingredients

CHEMICAL	C.A.S. NUMBER	WEIGHT %
Water	7732-18-5	20-50
Isopropyl Alcohol	67-63-0	1-5
Butoxyethanol	111-76-2	1-5
Nonionic Surfactants	68412-54-4	1-5
Proprietary blend of active biological agents	N/A	<1

OSHA HAZARDOUS COMPONENTS (29 CFR 1910.1200): Exposure Limits 8 Hours TWA (PPM)

	OSHA PEL	ACGIH TLV
Isopropyl Alcohol	400 ppm	400 ppm
Butoxyethanol	100 ppm	100 ppm

Section 3: Hazard Identification

Potential Health Effects:

Eyes: Moderate eye irritant.
Skin: Product is a mild skin irritant. Prolonged or repeated exposure may cause skin irritation.
Ingestion: Harmful if swallowed. Nausea and diarrhea possible, aspiration of material into lungs can cause chemical pneumonitis which can be fatal.
Inhalation: Little, if any, effects caused by inhalation of the vapors from this product. 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 large amounts of water for 15 minutes or until irritation subsides. Call for prompt medical attention.
Skin Contact: Remove contaminated clothing (including shoes) and wash before reuse. Flush with large amounts of water. Use soap if available. Seek medical attention.
Ingestion: Do not induce vomiting unless directed by a physician. If conscious and alert, give two glasses of water. Seek medical attention immediately.
Inhalation: Move to fresh air in case of accidental inhalation of vapors. If victim has stopped breathing, give artificial respiration. Call for prompt medical attention.

Section 5: Fire Fighting Measures

Flash Point & Method: Not Flammable, ASTM-D56 Method
Flammable Limits: LEL – N/A UEL – N/E
Auto Ignition Temperature: Not Determined
General Hazard: Combustible liquid and vapor. Keep away from heat, sparks and flame. Combustion products are toxic.
Fire Fighting Instructions: Use self-contained breathing apparatus for maximum respiratory protection. Use water spray to cool containers in area.

Section 6: Accidental Release Measures

Small Spills: Soak up with absorbent. Shovel in waste containers. Flush area with water.
Large spills: Recover spilled material for reprocessing or disposal. Keep spill out of storm sewers and waterways. 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 place out of direct sunlight and away from incompatible materials. (See STABILITY AND REACTIVITY Section 10) Follow all MSD Sheet and Label warnings even after emptied.

Section 8: Exposure Control / Personal Protection

Engineering Controls: Local exhaust ventilation is acceptable Mechanical ventilation is recommended.
Personal Protection:
Respiratory Protection: Not normally required when good general ventilation is provided. However if respiratory irritation occurs the use of a NIOSH approved respirator
Hand Protection: Water repellent gloves, natural latex or Neoprene.
Eye Protection: Splash goggles are recommended to prevent eye contact.
Other Recommendations: Not required.

Section 9: Physical & Chemical Properties

Specific Gravity (H₂O=1): 1.003 Boiling Point: 210 °F
Vapor Pressure (mmHg): N/A pH: N/A
Solubility in Water: 100% Volatile by Volume: 85-95%
Appearance and Odor: Clear liquid with mild fragrance

Section 10: Stability & Reactivity

General: Stable, hazardous polymerization will not occur.
Hazardous decomposition: Forced combustion yields carbon oxides.

Section 11: Toxicological Information

Results of Component Toxicity Tests Performed: Information not available.

Section 12: Ecological Information

Aquatic Effects: Information not available

Section 13: Disposal Considerations

RCRA 40 CFR 261 Classification: Unused material is not regulated, however used material may contain regulated materials. Since Federal, State, and Local laws governing disposal of materials can differ; please ensure proper disposal compliance with proper authorities before disposal.

Section 14: Transportation Information

Proper Shipping Name: NON-HAZARDOUS
Hazard Class: N/A
Packing Group: N/A
UN Number: 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 Section 302, 311 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:

Section 16: Other Information

Created: 02-23-2009; D. Sloan
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