



ENZYME ENRICHED FLOOR CLEANER & DEODORIZER



DESCRIPTION

This product is a high performance, bacterial-enriched floor cleaner, odor eliminator, and grease digester with a pleasant potpourri scent. It is ideal for cleaning and deodorizing grout, ceramic tile, quarry tile, concrete, brick, and rubber mats with floor machine or mopping. For cleaning carpets, use pre-spray or bonnet buffing method. Inherent biological action continues to clean between regularly scheduled cleanings to help keep grease accumulations to minimum. No rinse is required for light duty application. The unique chemistry provides bleaching action that brightens surfaces as it cleans and leaves surfaces sparkling clean with a pleasant scent. Do not use on food contact surfaces.

[This container will produce 32.5 gallons of ready-to-use product for light to medium duty cleaning]

[This container will produce 16.5 gallons of ready-to-use product for medium to heavy duty cleaning]

DIRECTIONS

This product must be diluted before use. See your supervisor or technical sales representative for instructions for use. Apply product by mop, sponge, sprayer, auto-scrubber or carpet extraction machine to surfaces to be cleaned. If necessary, agitate to help remove excessive soils. Rinse thoroughly with clean water as needed.

FOR USE ON

Quarry, Tile, Grout, Brick, Rubber, Mats, Walls, Concrete, Ceramic Tile

PRODUCT SPECIFICATIONS

Active Ingredients:	15.0 ± 0.5%	Solubility:	Complete with water
Color:	Green, Slight hazy	Emulsification:	Excellent
Odor:	potpourri	Detergency:	Excellent
Base:	Detergent Blend	Rinsability:	Excellent
pH:	9.0 - 10.0	Flash Point:	None
Viscosity:	Water thin	Biodegradability:	Complete
Foam:	Moderate	Storage/Stability:	1 years
Abrasive:	None	Weight Per Gallon:	8.76 lbs. Per gallon
Phosphate:	None	Freeze/Thaw Stability:	Keep from freezing

SECTION 1-PRODUCT IDENTIFICATION AND SUPPLIER INFORMATION

Supplier's Name: Misco Products Corporation	Product Name: Enzyme Enriched Floor Cleaner & Deodorizer	HMIS Hazardous Materials Identification System (Ready-to-Use product ONLY)
Supplier's Address: Reading, PA	Generic Name: Concentrated Cleaner/Deodorant	Health - 1
Supplier's Phone #: (610) 926-4106	Chemical Family: Fragrance Detergent Blend	Flammability - 0
	Formula: Proprietary	Reactivity - 0
		Protection - A

SECTION 2-INGREDIENT INFORMATION

CHEMICAL NAME	CAS NO.	WT. %	PEL	TWA-TLV	STEL-TLV
Water	7732-18-5	to 100			
Bacterial Spores (genus <i>bacillus</i>)	N/A	5 to 10			
Nonionic Surfactant	9016-45-9	0 to 5			
Tetrasodium EDTA	64-02-8	0 to 5			
Odor Neutralizer	Proprietary	0 to 5			
Perfume Oil	N/A	0 to 5			

SECTION 3-PHYSICAL DATA

Boiling Point (°F): 212 F.	Specific Gravity: 1.052
Vapor Pressure: 20mm Hg @ 68 F.	Vapor Density (Air=1): >1
% Volatile: 95+	pH: 9.0 - 10.0
Solubility in Water: Complete	Evaporation Rate (Water=1): >1
Physical Description: Thin slightly hazy liquid with pleasant potpourri odor.	

SECTION 4-FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used): None	Lower Explosion Limit: Unknown
Upper Explosion Limit: Unknown	Extinguishing Media: Not Required
Special Firefighting Procedures: Keep fire exposed containers cool with water.	
Unusual Fire and Explosion Hazards: None	

SECTION 5-REACTIVITY DATA

Stability: Stable	Hazardous Polymerization: None
Hazards Decomposition Products: Will not occur.	Incompatibility (Materials to Avoid): None

SECTION 6-STORAGE AND HANDLING INFORMATION

Keep out of reach of children. For use by trained personnel only. Keep container closed during storage. For institutional and industrial use only. Avoid contact with eyes, skin and clothing. Avoid breathing of mists. Wash thoroughly after handling. Avoid contact with open wounds/sores.

SECTION 7-HEALTH HAZARDS AND FIRST AID

Effects of Overexposure:
Skin: Slight irritant. Prolonged or repeated contact may cause dermatitis.
Eyes: Eye irritant. May cause redness or swelling.
Inhalation: Prolong or repeated breathing of concentrated vapors can cause dizziness, headache, nausea.
Ingestion: May be irritating to the mouth, throat, and gastrointestinal system. Vomiting, and diarrhea expected with large doses.
First Aid Procedures:
Skin: Remove contaminated clothing. Flush with water. Seek medical attention if irritation persist.
Eyes: Flush with large quantities of water, holding eyelids open. Seek medical attention immediately.
Inhalation: Remove to fresh air. Seek medical attention if symptoms persist.
Ingestion: Dilute with 2 glasses of water. Seek medical attention if symptoms persist.

SECTION 8-SPECIAL PROTECTION INFORMATION

Respiratory Protection: No special requirements.
Ventilation Requirements: No special requirements
Protective Gloves: Waterproof recommended.
Eye Protection: Safety glasses recommended, when danger of mist contact may occur.
Other Protective Equipment: N/A

SECTION 9-SPILL OR LEAK PROCEDURES

Steps to be taken in Case Material is Released or Spilled: Floors will become slippery. Avoid walking in product. Keep unessential personnel away. Mop up or otherwise absorb and hold disposal. Avoid discharge to sewer or open waterways.
Waste Disposal Method: Any method in accordance with local, state and federal laws. Best method is to recycle or reuse for intended purpose. Consult local authorities for disposal in public sewer. Do not disposal of into storm drain, stream, river or to ground. Rinse container thoroughly before discarding in trash.

SECTION 10-REGULATORY INFORMATION

SARA Title III - Section 311/312 -Hazard Categories:	Shipping Information:	HMIS Hazardous Materials Identification System
No - Fire Hazard	FOR CONTAINERS > 1 Gallon : Cleaning Compound	Health 1
No - Sudden Release of Pressure Hazard		Flammability 0
No - Reactivity Hazard	FOR 1 GALLON CONTAINERS : Cleaning Compound	Reactivity 0
No - Immediate (acute) Health Hazard		Personal Protection B
No - Delayed (chronic) Health Hazard	FOR CONTAINERS < 1 GALLON :Cleaning Compound	

FOR EMERGENCY MEDICAL OR TRANSPORT INFORMATION: CHEM-TEL, Inc. @ 800-255-3924 (24 hours, 7 days per week)

This product contains the following toxic chemical(s) subject to the reporting requirements of section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 and of 40 CFR 372.

CAS#	Chemical Name	Percent by Weight
	None	

This product contains the following chemical(s) which have been established to be either a carcinogen or suspected carcinogen.

CAS#	Chemical Name	Percent by Weight
	None	

SECTION 11-OTHER INFORMATION

This company cannot anticipate all conditions of handling and use of this product. Therefore, this company accepts no responsibility for results obtained by the application of this information, or the safety and suitability of our products either alone or in combination with other products. It is the responsibility of the user to provide a safe workplace, using the health and safety information contained herein as a guide. This company will accept no liability for damages or loss incurred from the improper handling and use of this product