



FLOOR COATING AND FINISHING MATERIAL
AS TO SLIP RESISTANCE ONLY
17SU

Maintenance Solutions

Fresh

General Purpose Cleaner



For Use On:

Floors
Walls
Concrete
Engines
Porcelain

Tools
Desks
Tables
Plastic
Vinyl

Refrigerators
Painted Surfaces
Machinery
Food Processing
Equipment

DESCRIPTION:

A concentrated, highly buffered general purpose cleaner with a pleasant citrus odor. Cuts through the toughest soil conditions, and leave surfaces sparkling clean with a fresh aromatic scent. Will not soften or dull floor finishes or waxes. Quickly emulsifies and removes difficult greases, oils, fats, soap scum, and other problem soils. Possesses deodorizing properties through a unique odor exchange mechanism. Highly concentrated for use dilutions up to 1 ounce per gallon in automatic scrubbers.

DIRECTIONS:

AS A FLOOR MAINTAINER OR FOR LIGHT DUTY CLEANING: Dilute 2 ounces of concentrate per gallon of water.

FOR MOP CLEANING OR MACHINE SCRUBBING OF FLOOR FINISHES OR MEDIUM DUTY CLEANING: Dilute 3 or 4 ounces of concentrate per gallon of water.

FOR GREASE, OIL AND OTHER HEAVY DUTY CLEANING: Dilute 6 to 8 ounces of concentrate per gallon of water.

Apply a liberal amount of solution onto the surface to be cleaned and allow to stand for a few minutes to allow product to penetrate into soil. Brush or scrub surface and pick-up. Rinse thoroughly with clean water.

These directions are flexible rather than specific. In many cases a more dilute solution can be used, while for extreme conditions a less dilute solution may be used.

This product meets the maximum content requirements for Volatile Organic Compounds (VOCs) as established by State and Federal regulations.

PRODUCT SPECIFICATIONS

Active Ingredients:	16.0 ± 0.5%	Emulsification:	Excellent
Color:	Opalescent green	Detergency:	Excellent
Odor:	Citrus floral	Rinsability:	Complete with water
pH:	13.0 - 13.5	Flash Point:	None (waterbased)
Viscosity:	Slightly viscous	Biodegradability:	Complete
Foam:	Medium	Storage/Stability:	2 years
Abrasives:	None	Weight per Gallon:	8.96 lbs./gal.
Solubility:	Complete with water	Freeze / Thaw Stability:	Keep from freezing

All Surface Cleaners

SECTION 1-PRODUCT IDENTIFICATION AND SUPPLIER INFORMATION

Manufacturer's Name: Misco Products Corporation	Product Name: Fresh
Manufacturer's Address: 1048 Stinson Drive Reading, PA 19605	Generic Name: General Purpose Cleaner
Manufacturer's Phone #: (610) 926-4106	Chemical Family: Alkaline Detergent Blend
	Formula: Proprietary

SECTION 2-INGREDIENT INFORMATION

CHEMICAL NAME	CAS NO.	WT. %	PEL	TWA-TLV	STEL-TLV
Water	7732-18-5	to 100			
Sodium Metasilicate	6834-92-0	10 to 15			
Nonionic Surfactant	9016-45-9	0 to 5			
Dimethyl Benzyl Ammonium Chloride	68424-85-1	0 to 5			
Tetrasodium EDTA	64-02-8	0 to 5			
Perfume Oil	N/A	0 to 5			
Dye	N/A	0 to 5			

SECTION 3-PHYSICAL DATA

Boiling Point (°F): 210 F.	Specific Gravity: 1.074
Vapor Pressure: 20mm Hg @ 68 F.	Vapor Density (Air=1): >1
% Volatile: 80+	pH: 13.0-13.5
Solubility in Water: Complete	Evaporation Rate (Water=1): <1
Physical Description: Slightly viscous green liquid with pleasant odor.	

SECTION 4-FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used): N/A	Lower Explosion Limit: N/A
Upper Explosion Limit: N/A	
Extinguishing Media: N/A	
Special Firefighting Procedures: Non Flammable	
Unusual Fire and Explosion Hazards: N/A	

SECTION 5-REACTIVITY DATA

Stability: Stable	Hazardous Polymerization: None
Hazards Decomposition Products: Alkaline vapors in a fire.	Incompatibility (Materials to Avoid): Strong acids.

SECTION 6-STORAGE AND HANDLING INFORMATION

Keep out of reach of children. For use by trained personnel only. Keep unauthorized personnel away when applying to floor. Keep container closed during storage. For institutional and industrial use only. Avoid contact with eyes, skin and clothing. Wear rubber gloves and protective eyewear when using. Avoid breathing of mists. Use in well-ventilated area.

SECTION 7-HEALTH HAZARDS AND FIRST AID

Effects of Overexposure:
Skin: Skin irritant. May cause moderate reddening, and swelling.
Eyes: Severe eye irritant. Liquid and mists may damage eyes, causing corneal damage.
Inhalation: Vapors and mists may be irritating to mucous membranes in the nose, throat, and lungs.
Ingestion: Irritating and corrosive to the mouth and throat. May cause headache, nausea, abdominal pain, and diarrhea. Excessive amounts may cause collapse.
First Aid Procedures:
Skin: Flush with water. Seek medical attention if irritation persists.
Eyes: Flush with large quantities of water, holding eyelids open. Seek medical attention if irritation persists.
Inhalation: Get to fresh air. Seek medical attention if irritation persists.
Ingestion: Do not induce vomiting. Drink large quantities of water. Seek medical attention immediately.

SECTION 8-SPECIAL PROTECTION INFORMATION

Respiratory Protection: Use in well-ventilated area.
Ventilation Requirements: Provide local exhaust to keep TLV of Section 2 ingredients below acceptable limit.
Protective Gloves: Chemical resistant neoprene or rubber.
Eye Protection: Safety glasses or chemical splash goggles.
Other Protective Equipment: Eyewash should be made available.

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. If discarded, this material and containers should be treated as hazardous waste based on the characteristic of corrosivity as defined under federal RCRA regulations (40 CFR 261). Consult local authorities for disposal in public sewer. Do not dispose 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:

No - Fire Hazard
No - Sudden Release of Pressure Hazard
No - Reactivity Hazard
Yes - Immediate (acute) Health Hazard
No - Delayed (chronic) Health Hazard

Shipping Information:

FOR CONTAINERS > 1 Gallon: Compounds, cleaning liquid,
(Potassium Hydroxide), 8, NA-1760, PG III
FOR 1 GALLON CONTAINERS: Compounds, cleaning liquid,
(Potassium Hydroxide), 8, NA-1760, PG III (Limited Quantity)
FOR CONTAINERS < 1 GALLON: ORM-D

HMIS Hazardous Materials Identification System

Health	2
Flammability	0
Reactivity	0
Personal Protection	B

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