



GENERAL PURPOSE CLEANER



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.

[This container will produce 100.5 gallons of ready-to-use product for mop and bucket cleaning, or auto scrubber use]

DIRECTIONS

This product must be diluted before use. See your supervisor or technical sales representative for instructions for use.

FOR USE ON

Floor, Walls, Concrete, Tools, Machinery, Desks, Tables, Refrigerators, Microwave, Oven, Stainless Steel, Plastic, Vinyl, Chrome

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

Supplier's Name: Misco Products Corporation
Supplier's Address: 1048 Stinson Drive Reading, PA 19605
Supplier's Phone #: (610) 926-4106
Product Name: Lock & Fill General Purpose Cleaner
Generic Name: General Purpose Cleaner
Chemical Family: Detergent/solvent blend **Formula:** Proprietary
FOR EMERGENCY MEDICAL OR TRANSPORT INFORMATION: CHEM-TEL, Inc. @ 800-255-3924

HEALTH	3
FLAMMABILITY	0
PHYSICAL HAZARD	0
PERSONAL PROTECTION	D

SECTION 2-INGREDIENT INFORMATION

CHEMICAL NAME	CAS NO.	WT. %	TWA-TLV	Reportable EPA-SARA 313	Reportable CARCINOGEN
Water	7732-18-5	to 100			
Nonionic Surfactant	9016-45-9	0 to 5	Not Hazardous	No	No
Tetrasodium EDTA	64-02-8	0 to 5	2 mg/m ³	No	No
Potassium Hydroxide	1310-58-3	0 to 5	2 mg/m ³	No	No
Amphoteric Surfactant	52623-95-7	0 to 5	Not Hazardous	No	No
Amphoteric Surfactant	1300-72-7	0 to 5	Not Hazardous	no	No
Sodium Metasilicate	6834-92-0	0 to 5	2 mg/m ³	No	No
Ethylene Glycol Butyl Ether	111-76-2	0 to 5	25 ppm	Yes (N230)	No
Dipropylene Glycol Methyl Ether	34590-94-8	0 to 5	N/A	No	No


SECTION 3-PHYSICAL DATA

Boiling Point (F): 212° F. **Specific Gravity:** 1.089 **Vapor Pressure:** 20mm Hg @68F.
Vapor Density (Air=1): >1 **% Volatile:** 80+ **pH:** 12.5 - 13.5
Solubility in Water: Complete **Evaporation Rate (Water=1):** >1
VOC Contents: % = 17, lbs/gal = 1.5, gm/l = 185.3
Physical Description: Thin green liquid with characteristic odor

SECTION 4-FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used): None **Pictograph:**
Upper Explosion Limit: N/A **Lower 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 **Pictograph:** 
Hazardous Polymerization: None
Hazards Decomposition Products: Alkaline vapors in a fire.
Incompatibility (Materials to Avoid): Strong Acids, oxidizers, Chlorine

SECTION 6-STORAGE AND HANDLING INFORMATION

Keep out of reach of children. For use by trained personnel only. Wear protective gloves and eyewear when handling. Keep container closed during storage. For institutional and industrial use only. Avoid contact with eyes, skin and clothing. Avoid breathing of vapors or 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: Mists may be irritating to mucous membranes in the nose, throat, and lungs.
Ingestion: Irritating to the mouth and throat. May cause headache, nausea, and abdominal pain.
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 immediately.
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: NIOSH/MSHA approved organic vapor canister.
Ventilation Requirements: Provide mechanical exhaust when misting of product is present.
Protective Gloves: Rubber or other chemical resistant.
Eye Protection: Safety glasses or chemical splash goggles.
Other Protective Equipment: Eyewash station nearby. Wear protective outer-wear when danger of mist contact may occur. Protective rubber boots should be worn.

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. Ventilate area well. 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 (Domestic shipments only):

FOR 1 GALLON CONTAINERS: Compounds, cleaning liquid, (Potassium Hydroxide), 8, NA-1760, PG III (Limited Quantity)
FOR CONTAINERS = 1/2 GALLON: Compounds, cleaning liquid, (Potassium Hydroxide), 8, NA-1760, PG III (Limited Quantity)

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.