



# Cleaner/Maintainer



## DESCRIPTION

An all-purpose cleaner/maintainer with superior cleaning power for use on any surface not affected by water. Ideal for use on sealed wood floors for cleaning and buffing finishes to a brilliant shine. Provides excellent emulsifying and penetrating action in both hot and cold water. Cleans, polishes, and preserves. Ideal for use with buffing programs. May be used for damp mopping, auto scrubbing or heavy duty cleaning.

**[This container will produce 32.5 gallons of ready-to-use product]**

## DIRECTIONS

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

## FOR USE ON

Vinyl, Vinyl Asbestos, Asphalt Tile, Linoleum, Rubber, Concrete, Flagstone, Brick, Terrazzo, Sealed Wood, Quarry Tile, Marble

## PRODUCT SPECIFICATIONS

<b>Color:</b>	Amber	<b>Emulsification:</b>	Excellent
<b>Odor:</b>	Pleasant Sassafras	<b>Rinsability:</b>	Very Good
<b>pH: (Conc.)</b>	10 – 10.5	<b>Flash Point:</b>	None
<b>Viscosity:</b>	Slight viscous	<b>Biodegradability:</b>	Complete
<b>Foam:</b>	Low	<b>Storage/Stability:</b>	1 year
<b>Abrasive:</b>	None	<b>Weight Per Gallon:</b>	8.45 lbs./gal.
<b>Solubility:</b>	Complete with water	<b>Freeze/Thaw Stability:</b>	Keep from freezing

All Purpose Cleaners

(Prepared According to 29 CFR 1910.1200)  
Prepared by: Regulatory Affairs Dept.

# MATERIAL SAFETY DATA

LF16

Effective Date: 3/2009 Revision: N/A

HMIS Hazardous Materials Identification System

## 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 Floor Cleaner/Maintainer  
**Generic Name:** Concentrated Cleaner/Maintainer  
**Chemical Family:** Detergent blend **Formula:** Proprietary  
**FOR EMERGENCY MEDICAL OR TRANSPORT INFORMATION:** CHEM-TEL, Inc. @ 800-255-3924

HEALTH	1
FLAMMABILITY	0
PHYSICAL HAZARD	0
PERSONAL PROTECTION	A

## SECTION 2-INGREDIENT INFORMATION

CHEMICAL NAME	CAS NO.	WT. %	TWA-TLV	Reportable EPA-SARA 313	Reportable CARCINOGEN
Water	7732-18-5	to 100			
Potassium Tall Oil Soap	61790-44-1	5 to 10	Not Established	No	No
Tetrasodium EDTA	64-02-8	0 to 5	Not Established	No	No
Non-Ionic Surfactant	9016-45-9	0 to 5	Not Established	No	No
Tetrasodium Pyrophosphate	7722-88-5	0 to 5	Not Established	No	No
Fragrance	N/A	0 to 5	N/A	No	No
Dye	N/A	< 0.1	N/A	No	No

## SECTION 3-PHYSICAL DATA

Boiling Point (F): 212° F. Specific Gravity: 1.020 Vapor Pressure: 20mm Hg @68F.  
Vapor Density (Air=1): >1 % Volatile:95+ pH: 10.0 - 10.5  
Solubility in Water: Complete Evaporation Rate (Water=1): =1  
VOC Contents: % = None  
Physical Description: Slightly viscous amber liquid with sassafras odor.

## SECTION 4-FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used): None Hazard Class: N/A Pictograph  
Upper Explosion Limit: Unknown Lower Explosion Limit: Unknown  
Extinguishing Media: Not required  
Special Firefighting Procedures: Keep fire exposed containers cool with water.  
Unusual Fire and Explosion Hazards: Not Applicable

## SECTION 5-REACTIVITY DATA

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

## SECTION 6-STORAGE AND HANDLING INFORMATION

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

## SECTION 7-HEALTH HAZARDS AND FIRST AID

<b>Effects of Overexposure:</b> Skin: Prolonged or repeated contact may cause irritation and/or dermatitis (dry Skin) Eyes: Eye irritant. Liquid and mists may cause redness, tearing, burning discomfort. Inhalation: N/A Ingestion: May be irritating to the mouth, throat, and gastrointestinal system. Vomiting, and diarrhea expected with large doses.	<b>First Aid Procedures:</b> Skin: Remove contaminated clothing. 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. Give large quantities of water. Seek medical attention immediately.
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## SECTION 8-SPECIAL PROTECTION INFORMATION

Respiratory Protection: No special requirements  
Ventilation Requirements: No special requirements.  
Protective Gloves: Waterproof gloves (rubber) recommended  
Eye Protection: Safety glasses where danger of mist contact may occur.  
Other Protective Equipment: Eyewash station nearby.

## 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: Dispose of 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:**  
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: Cleaning Compound, non-hazardous  
FOR CONTAINERS = 1/2 GALLON: Cleaning Compound, non-hazardous

## 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.

N/A= Not Applicable