

MATERIAL SAFETY DATA SHEET

LF2

Effective Date: 8/02

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 Spray & Wipe Degreaser
Generic Name: Concentrated All Purpose Cleaner Degreaser
Chemical Family: Detergent/solvent blend **Formula:** Proprietary
FOR EMERGENCY MEDICAL OR TRANSPORT INFORMATION: CHEM-TEL, Inc. @ 800-255-3924

HEALTH

2

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	5 to 10	Not Hazardous	No	No
Monoethanolamine	141-43-5	0 to 5	2 mg/m ³	No	No
Sodium salt of Polyacrylic Acid	N/A	0 to 5	Not Hazardous	No	No
Ethylene Glycol Butyl Ether	111-76-2	10 to 20	25 ppm	Yes (N230)	No
Fragrance	N/A	0 to 5	N/A	No	No
Dye	N/A	0 to 5	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:70+ pH: 11.0 - 12.0
Solubility in Water: Complete Evaporation Rate (Water=1): >1
VOC Contents: % = 27.1, lbs/gal = 2.3, gm/l = 275.6
Physical Description: Pink liquid with citrus 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
Hazardous Polymerization: None
Hazards Decomposition Products: Alkaline vapors in a fire.
Incompatibility (Materials to Avoid): Strong Acids, oxidizers, Chlorine

Pictograph



SECTION 6-STORAGE AND HANDLING INFORMATION

Severe Eye and Skin Irritant. Avoid contact with eyes, skin and clothing. Wash thoroughly after handling. Avoid breathing of vapors or mists. Use in well-ventilated area. 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

Effects of Overexposure:

Skin: Severe 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, (Monoethanolamine Solution), 8, NA-1760, PG III (Limited Quantity)
FOR CONTAINERS = 1/2 GALLON: Compounds, cleaning liquid, (Monoethanolamine Solution), 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.

N/A= Not Applicable