

MIGHTY MAC^{BRAND}

Environmentally Friendly

EF All Surface Cleaner



DESCRIPTION

Non-toxic, Non-VOC, biodegradable, concentrated all surface cleaner. Specially designed for everyday light duty spray and wipe cleaning and floor cleaning. It removes routine soils from floors, walls and other surfaces. Excellent for use in mop and bucket cleaning or automatic floor scrubbers. Neutral pH will not harm floor finishes. No rinsing required.

DIRECTIONS

General Purpose Cleaner - Diluted 8 ounces of product per gallon of water. Rinse with clean water as needed.

Floor Cleaner - Diluted 0.5 or 1 ounce of product per gallon of water. Fill bucket or auto scrubber. Mop and or scrub with auto scrubber with cleaning solution. Pick up soil and excess cleaner with clean mop. Rinse mops frequently and change solution as needed.

PRODUCT SPECIFICATIONS

| | |
|-------------------------------|----------------------|
| Color: | Pink |
| Odor: | Mild Odor |
| pH: | 6.0 – 7.0 |
| Viscosity: | Water thin |
| Foam: | low |
| Solubility: | Complete with water |
| Detergency: | Excellent |
| Rinsability: | Excellent |
| Flash Point: | None |
| Biodegradability: | Completely |
| Storage/Stability: | 1 year |
| Weight Per Gallon: | 8.53 lbs. Per gallon |
| Freeze/Thaw Stability: | Keep from freezing |



Reorder#
95-0425



SECTION 1-PRODUCT IDENTIFICATION AND SUPPLIER INFORMATION

Product Name: EF All Surface Cleaner
Generic Name: All Surface Cleaner
Chemical Family: Detergent Blend
Formula: Proprietary

Suppliers Name: Michco
Suppliers Address: 2011 N. High St., Lansing, MI 48906
Suppliers Website: www.Michco.com

SECTION 2-INGREDIENT INFORMATION

| CHEMICAL NAME | CAS NO. | WT. % | PEL | TWA-TLV | STEL-TLV |
|-------------------------------|------------|----------|-----|---------|----------|
| Water | 7732-18-5 | to 100 | | | |
| Primary Alcohol Ethoxylate C9 | 84133-50-6 | 10 to 15 | | | |
| Amphoteric Surfactant | 5324-84-5 | 0 to 5 | | | |
| Dye | Unknown | <0.05 | | | |

SECTION 3-PHYSICAL DATA

Boiling Point (°F): 212° F.
Vapor Pressure: 20mm Hg @68°F.
% Volatile: 80+
Solubility in Water: Complete
Physical Description: Thin clear pink liquid with characteristic odor
VOC Content: None

Specific Gravity: 1.024
Vapor Density (Air=1): >1
pH: 6.0 – 7.0
Evaporation Rate (Water=1): >1

SECTION 4-FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used): None
Upper Explosion Limit: N/A
Lower Explosion Limit: N/A
Extinguishing Media: Dry chemical, CO₂ or water
Special Firefighting Procedures: Keep fire exposed containers cool with water stream.
Unusual Fire and Explosion Hazards: N/A

SECTION 5-REACTIVITY DATA

Stability: Stable
Hazards Decomposition Products: Not Known

Hazardous Polymerization: None
Incompatibility (Materials to Avoid): Strong Alkalies, Chlorine

SECTION 6-STORAGE AND HANDLING INFORMATION

Slight eye irritant. May cause skin irritation with prolonged or repeated contact. 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: May cause irritation with prolonged or repeated contact (dryness, redness)
Eyes: Mild eye irritant. May cause conjunctivitis, redness, swelling, tearing.
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, 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: No special requirements
Ventilation Requirements: No special requirements
Protective Gloves: Rubber gloves recommended.
Eye Protection: Safety glasses recommended
Other Protective Equipment: None

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. Consult local authorities for disposal in public sewer. Do not dispose of into storm drain, stream, river or to ground. Rinse container thoroughly before offering for recycling.

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 : Cleaning Compound
 Non-Hazardous
 FOR 1 GALLON CONTAINERS : Cleaning Compound
 Non-Hazardous
 FOR CONTAINERS < 1 GALLON : Cleaning Compound

HMIS Hazardous Materials Identification System

| | |
|----------------------------|----------|
| Health | 1 |
| 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 | None | 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 | None | 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