

elements™



environmentally responsible
maintenance solutions

E06



Low Odor Floor Stripper

removedor del pulimento de piso



1:4

Floor Stripping with Cold Water

A very low odor, non-toxic, non-corrosive, non-butyl floor seal and finish remover. Specially designed to remove new Zinc-Free Floor Finishes as well as conventional floor finishes. This fast-acting floor finish remover dissolves multiple coats of finish without harsh alkalis, butyl Cellosolve, or strong ammonia odors. No neutralizing needed. Controlled foam and free-rinsing characteristics assure that no residue is left behind to interfere with subsequent finish applications.



Certified Hard Floor Product CCD-147

ENVIRONMENTALLY RESPONSIBLE COMPARISON

Traditional Products	elements
Ammonium Hydroxide	None
2-Butoxyethanol	None
Nonylphenol ethoxylates	None
	Monoethanolamine
	Propylene Glycol Butyl Ether
	Ethylene Glycol Phenyl Ether
	Sodium Capryl Sulfonate
	Low odors
pH 12 – 13	pH 10.5 – 11.0
Traditional Compound Descriptions:	elements Compound Descriptions:
<p>Ammonium Hydroxide – a basic cleaning compound commonly used in floor strippers. However, it is extremely irritating to the respiratory tract and eyes.</p> <p>2-Butoxyethanol – an effective water-soluble solvent to attack both water-soluble soils and water-insoluble oils and greases. However, it is a potential nose and eye irritant and may cause blood cell damage if absorbed through skin</p> <p>Nonylphenol ethoxylates – a non-ionic surfactant that is used to provide wetting and detergency. However, it is derived from a petroleum-based product. It has a suspected harmful biodegradable intermediate.</p> <p>Strong odor – can cause extreme irritation and even nausea when used in improperly ventilated areas.</p> <p>Strong odor – can cause extreme irritation and even nausea when used in improperly ventilated areas.</p>	<p>Monoethanolamine – commonly used in low odor floor strippers. It is less irritating to the respiratory tract and eyes than Ammonium Hydroxide.</p> <p>Propylene Glycol Butyl Ether - listed as Positive Environmental Profile builder on EPA design for the Environment Formulator Initiative. It is commonly used as a solvent in cleaners. It is biodegradable and is not easily absorbed through the skin.</p> <p>Ethylene Glycol Phenyl Ether – It is commonly used as a solvent in cleaners. It is biodegradable and is not easily absorbed through the skin.</p> <p>Sodium Capryl Sulfonate – a completely biodegradable surfactant provides wetting and detergency.</p> <p>Low odor – minimizes potential nausea when used in improperly ventilated areas.</p>

PRODUCT SPECIFICATIONS

Color:	Colorless	Flash Point:	None
Odor:	Mild Odor	Storage/Stability:	1 year
pH:	10.5 – 11.0	Weight Per Gallon:	8.58 lbs. Per gallon
Viscosity:	Water thin	Freeze/Thaw Stability:	Keep from freezing
Foam:	Low		

SECTION 1-PRODUCT IDENTIFICATION AND SUPPLIER INFORMATION

Manufacturer's Name: Misco Products Corporation	Product Name: Low Odor Floor Stripper	Supplier's Name:
Manufacturer's Address: 1048 Stinson Drive Reading, PA 19605	Generic Name: Floor Stripper	Supplier's Address:
Manufacturer's Phone #: (610) 926-4106	Chemical Family: Solvent/Detergent Blend	Supplier's Phone #:
	Formula: Proprietary	

SECTION 2-INGREDIENT INFORMATION

CHEMICAL NAME	CAS NO.	WT. %	PEL	TWA-TLV	STEL-TLV
Water	7732-18-5	to 100			
Ethylene Glycol Phenyl Ether	122-99-6	5 to 10			
Monoethanolamine	141-43-5	10 to 15			
Sodium Octanesulfonate	5324-84-5	0 to 5			
Propylene Glycol n-Butyl Ether	5131-66-8	0 to 5			

SECTION 3-PHYSICAL DATA

Boiling Point (°F): 212 F.	Specific Gravity: 1.030
Vapor Pressure: 20mm Hg @ 68 F.	Vapor Density (Air=1): <1.5
% Volatile: 90+	pH: 10.5 – 11.0
Solubility in Water: Dispersible	Evaporation Rate (Water=1): <1
Physical Description: Thin clear liquid with characteristic odor.	
VOC Content: 11.36 % by wt. (<3.0% by wt. in Ready-to-Use form)	

SECTION 4-FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used): None	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

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

SECTION 7-HEALTH HAZARDS AND FIRST AID

Effects of Overexposure:
Skin: Skin irritant. May cause moderate reddening, swelling.
Eyes: 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 to the mouth and throat. May cause headache, nausea, abdominal pain, vomiting, and diarrhea.
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. NIOSH Approved Organic vapor respirator when using in confined or poorly ventilated areas.
Ventilation Requirements: General ventilation is adequate.
Protective Gloves: Chemical resistant rubber or neoprene.
Eye Protection: Chemical splash goggles.
Other Protective Equipment: Eyewash should be available. Chemical resistant footwear e.g. rubber boots to protect feet. Long pants to protect legs.

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. 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:	Shipping Information:	HMIS Hazardous Materials Identification System
No - Fire Hazard	FOR CONTAINERS > 1 Gallon : Cleaning Compound	
No - Sudden Release of Pressure Hazard		
No - Reactivity Hazard	FOR 1 GALLON CONTAINERS : Cleaning Compound	
Yes - Immediate (acute) Health Hazard		
No - Delayed (chronic) Health Hazard	FOR CONTAINERS < 1 GALLON : Cleaning Compound	

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
	Not Applicable	

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