



HIGH PERFORMANCE DEGREASER



DESCRIPTION

A super concentrated heavy-duty cleaner/degreaser designed to remove graffiti, petroleum grease, oil, carbon, food grease, animal fats, smudges, lipstick, smoke film from concrete, machinery, engines, floors, walls, etc. The powerful product dissolves and emulsifies soil, allows it to be wiped or rinse away completely.

[This container will produce 16.5 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

Floors, Walls, Concrete, Engine, Tools, Machinery, Kitchens, Food processing equipment, Stainless Steel, Plastic, Vinyl, Tables

PRODUCT SPECIFICATIONS

Color:	Purple	Detergency:	Excellent
Odor:	Characteristic	Rinsability:	Excellent
pH (concentrate):	13 - 14	Flash Point:	None
pH (ready-to-use):	11.5 - 12.5	Biodegradability:	Completely
Viscosity:	Water thin	Storage/Stability:	2 years
Foam:	Moderate	Weight Per Gallon:	8.95 lbs.
Abrasives:	None		
Solubility:	Complete with water		
Emulsification:	Excellent		

SD6

MATERIAL SAFETY DATA SHEET

N/A= Not Applicable

Prepared by: Regulatory Affairs Dept.

(Prepared According to 29 CFR 1910.1200)

Effective Date: 1/11 Revision: n/a

SECTION 1-PRODUCT IDENTIFICATION AND SUPPLIER INFORMATION

Supplier's Name: Misco Products Corporation	Product Name: High Performance Degreaser Generic Name: Heavy Duty Cleaner Degreaser	HMIS Hazardous Materials Identification System (Ready-to-Use product ONLY)
Supplier's Address: Reading, PA	Chemical Family: Blend	
Supplier's Phone #: (610) 926-4106	Formula: Proprietary	
		Reactivity - 0 Protection - A

SECTION 2-INGREDIENT INFORMATION

CHEMICAL NAME	CAS NO.	WT. %	PEL	TWA-TLV	STEL-TLV
Water	7732-18-5	to 100			
Dipropylene Glycol Methyl Ether	34590-94-8	10 to 15	N/A	N/A	N/A
2-butoxyethanol	111-76-2	5 to 10	25ppm	25ppm	50ppm
Nonlonic Surfactant	9016-45-9	5 to 10	N/A		
Sodium Metasilicate Pentahydrate	6834-92-0	0 to 5	N/A		
Sodium Xylene Sulfonate	1300-72-7	0 to 5	N/A		
Tetrasodium EDTA	64-02-8	0 to 5	N/A		
Potassium Hydroxide	1310-58-3	0 to 5	2mg/m ³	2mg/m ³	2mg/m ³
Dye	N/A	0 to 5	N/A		

SECTION 3-PHYSICAL DATA

Boiling Point (°F):	Specific Gravity:
Vapor Pressure: 20mm Hg @ 68 F.	Vapor Density (Air=1): >1
% Volatile: 70+ 14.0	13.0 -
Solubility in Water:	Evaporation Rate (Water=1): <1
Thin purple liquid with characteristic odor.	

SECTION 4-FIRE AND EXPLOSION HAZARD DATA

None (TCC)
Upper Explosion Limit: N/A Lower Explosion Limit:
Extinguishing Media: CO ₂ , Dry Foam, Water Mist
Use self-contained breathing apparatus in confined areas.
Unusual Fire and Explosion Hazards: Keep fire exposed containers cool with water to prevent bursting.

SECTION 5-REACTIVITY DATA

Stability:	Hazardous Polymerization:
Hazards Decomposition Products: Alkaline vapors in a fire.	Incompatibility (Materials to Avoid): Strong acids.

SECTION 6-STORAGE AND HANDLING INFORMATION

DANGER: Corrosive. 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:
Eyes: 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, abdominal pain, and diarrhea. Excessive amounts may cause collapse.

SECTION 8-SPECIAL PROTECTION INFORMATION

Respiratory Protection: Use in well ventilated area.
Ventilation Requirements: Provide local exhaust to keep TLV of Section 2 ingredients below acceptable limit.
Chemical resistant rubber or neoprene.
Safety glasses or chemical splash goggles.
Eyewash station provided nearby.

SECTION 9-SPILL OR LEAK PROCEDURES

Steps to be taken in Case Material is Released or Spilled:

Waste Disposal Method:

SECTION 10-REGULATORY INFORMATION

SARA Title III - Section 311/312 -Hazard Categories:	Shipping Information:	HMIS Hazardous Materials Identification System
Yes - Immediate (acute) Health Hazard	(Potassium Hydroxide), 8, NA-1760, PG III (Limited Quantity)	Health 3
No - Delayed (chronic) Health Hazard	FOR CONTAINERS < 1 GALLON: Compounds, cleaning liquid, (Potassium Hydroxide), 8, NA-1760, PG III (Limited Quantity)	Flammability 0

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
111-76-2	2-butoxyethanol (glycol ether)	7% max.

This product contains the following chemical(s) which have been established to be either a carcinogen or suspected carcinogen.

None

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