

Solution DepotTM 2.0

SPRAY & WIPE DEGREASER

2



DESCRIPTION

A super concentrated general purpose degreaser designed to cut through all types of grease and grime, and leave surfaces sparkling clean with a fresh pleasant citrus odor. Simply spray and wipe clean. No rinse required.

[This container will produce 8.5 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

Floor, Walls, Concrete, Tools, Machinery, Desks, Tables, Refrigerators, Microwave, Oven, Stainless Steel, Plastic, Vinyl, Chrome

PRODUCT SPECIFICATIONS

Color:	Red	Emulsification:	Excellent
Odor:	Citrus	Detergency:	Excellent
pH (concentrate):	11 - 12	Rinsability:	Excellent
pH (ready-to-use):	10 - 11	Flash Point:	None
Viscosity:	Water thin	Biodegradability:	Completely
Foam:	Moderate	Storage/Stability:	2 years
Abrasives:	None	Weight Per Gallon:	8.50 lbs.
Solubility:	Complete with water		

SECTION 1-PRODUCT IDENTIFICATION AND SUPPLIER INFORMATION

Supplier's Name: Misco Products Corporation	Product Name: Spray & Wipe Degreaser	HMIS Hazardous Materials Identification System (Ready-to-Use product ONLY) Health - 1 Flammability - 0 Reactivity - 0 Protection - A
Supplier's Address: Reading, PA	Generic Name: Super Concentrated Spray & Wipe Degreaser	
Supplier's Phone #: (610) 926-4106	Chemical Family: Detergent Blend	
	Formula: Proprietary	

SECTION 2-INGREDIENT INFORMATION

CHEMICAL NAME	CAS NO.	WT. %	PEL	TWA-TLV	STEL-TLV
Water	7732-18-5	to 100			
2-Butoxyethanol	111-76-2	10 to 20	25 ppm	25 ppm	50ppm
Monoethanolamine	141-43-5	10 to 20	3 ppm	3 ppm	N/A
Nonionic Surfactant	9016-45-9	5 to 10			
Polyacrylic Acid	N/A	0 to 5			
Fragrance	N/A	0 to 5			
Dye	N/A	0 to 5			

SECTION 3-PHYSICAL DATA

Boiling Point (°F): 210 F.
Vapor Pressure: 20mm Hg @ 68 F.
% Volatile: 90+
Solubility in Water: Complete
Physical Description: Pink liquid with citrus odor.

Specific Gravity: 1.020
Vapor Density (Air=1): >1
pH: 11.0 – 12.0
Evaporation Rate (Water=1): >1

SECTION 4-FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used): None. (TCC)
Upper Explosion Limit: N/A **Lower Explosion Limit:** N/A
Extinguishing Media: None required
Special Firefighting Procedures: Self-contained breathing apparatus use in confined spaces.
Unusual Fire and Explosion Hazards: Keep fire exposed containers cool with water.

SECTION 5-REACTIVITY DATA

Stability: Stable
Hazards Decomposition Products: Alkaline vapors in a fire.

Hazardous Polymerization: None
Incompatibility (Materials to Avoid): Strong acids.

SECTION 6-STORAGE AND HANDLING INFORMATION

Severe eye and skin irritant. Avoid contact with eyes, skin and clothing. Wash thoroughly after handling. Keep out of reach of children. For use by trained personnel only. Keep container closed during storage. For institutional and industrial use only. Avoid breathing of vapors or spray mist. Use in well-ventilated area.

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: Vapors and mists may be irritating to mucous membranes in the nose, throat, and lungs.
Ingestion: Irritating to mouth, throat and gastrointestinal system. Nausea and vomiting may result from excess amounts.
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. Immediately drink 2 glasses of water. Seek medical attention.

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.
Protective Gloves: Chemical resistant, e.g. rubber or neoprene.
Eye Protection: Chemical goggles, face shield when handling concentrate.
Other Protective Equipment: Eyewash should be made available. Protective footwear should be worn when danger of exposure to feet.

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 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:

FOR CONTAINERS > 1 Gallon: Compounds, cleaning liquid, (Monoethanolamine Solution), 8, NA-1760, PG III
 FOR 1 GALLON CONTAINERS: Compounds, cleaning liquid, (Monoethanolamine Solution), 8, NA-1760, PG III (Limited Quantity)
 FOR CONTAINERS < 1 GALLON: Compounds, cleaning liquid, (Monoethanolamine Solution), 8, NA-1760, PG III (Limited Quantity)

HMIS Hazardous Materials Identification System

Health	2
Flammability	0
Reactivity	0
Personal Protection	D

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
111-76-2	2-butoxyethanol (glycol ether)	16%

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