

MATERIAL SAFETY DATA SHEET

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(Prepared According to 29 CFR 1910.1200)

Effective Date: 08/10/05

SECTION 1- PRODUCT IDENTIFICATION AND SUPPLIER INFORMATION

Product Name: HEAVY DUTY CLEANER Generic Name: Heavy Duty Cleaner Degreaser Product Group: Cleaner and Degreaser	Supplier's Name: SANITARY MAINTENANCE & SUPPLY P.O. BOX 1425 AVON PARK, FL 33826 Phone #: (813)-890-6594
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SECTION 2- INGREDIENT INFORMATION

CHEMICAL NAME	CAS #	WT %	PEL	TWA-TLV	STEL-TLV
Water	7732-18-5	up to 100	N/A.	N/A.	N/A.
2-Butoxyethanol	111-76-2	5 to 10	25 ppm	25 ppm	N/A.
Potassium Alykl Aryl Sulfonate	27177-77-1	0 to 5	N/A.	N/A	N/A.
Potassium Tall Oil Soap	61790-44-1	0 to 5	N/A.	N/A.	N/A.
Nonionic Surfactant	9016-45-9	0 to 5	N/A.	N/A	N/A.
Sodium Metasilicate	6834-92-0	0 to 5	N/A.	N/A	N/A.
Dye	N/A	<1	N/A.	N/A	N/A.
Fragrance	N/A	<1	N/A.	N/A	N/A.

SECTION 3- PHYSICAL DATA

Boiling Point: 212° F
Vapor Pressure: 20mm @ 68°F
% Volatile: 85+%
Solubility in Water: complete
Physical Description: Thin Tan liquid with characteristic odor .
VOC Content: 5.86% (wt/wt), 0.52 lbs/gal., 61.4 grams/liter.

Specific Gravity: 1.048
Vapor Density (Air=1): >1
pH: 12.0-13.0
Evaporation Rate (Water=1): <1

SECTION 4- FIRE AND EXPLOSION HAZARD DATA

Flash Point: None (water-based).
Extinguishing Media: product will not burn
Special Firefighting Procedures: non-flammable
Unusual Fire and Explosion Hazards: N.A.
Upper Explosion Limits: N.A.
Lower Explosion Limits: N.A.

SECTION 5- REACTIVITY DATA

Stability: Stable
Hazardous Polymerization: None
Hazard Decomposition Products: alkali vapors in fire
Incompatibility (Materials to Avoid): strong acids

SECTION 6- STORAGE AND HANDLING INFORMATION

Warning: Eye Irritant. May cause skin irritation with prolong or repeated contact. Avoid contact with eyes, skin and clothing. Wear rubber gloves, chemical splash goggles and protective outerwear when 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: Moderate skin irritant. Prolonged or repeated contact may cause redness, dermatitis
Eyes: Eye irritant. Liquids and mists will cause tearing, redness, burning sensation.
Inhalation: Vapor 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. Excessive amounts may cause collapse.

First Aid Procedures

Skin: Flush with water. Seek medical attention if irritation persists, .
Eyes: Immediately flush with large quantities of water; seek medical attention if irritation persists.
Inhalation: Get to fresh air, get 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.
Ventilation Requirements: Provide local exhaust to keep TLV of Section 2 ingredients below acceptable limits.
Protective Gloves: Chemical resistant neoprene or rubber.
Eye Protection: Safety glasses or chemical splash goggles.
Other Protective Equipment: Safety eye bath nearby. Wear protective rubber footwear when using on floors. Wear protective outerwear when danger of mist contact may occur.

SECTION 9-SPILL OR LEAK PROCEDURES

Cleanup Procedure for Spills: Floors will become slippery. Avoid walking on product. Keep unessential personnel away. Mop up or otherwise absorb and hold disposal. Avoid discharge to sewer or open waterways.
Waste Disposal: 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 sewers. Do not dispose of in 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: (Y/N): N Fire: N Sudden Release of Pressure: N Reactivity: N Acute IMMEDIATE (acute) Health Hazard: Y. Chronic DELAYED (chronic) Health Hazard: N. Other: N. 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#: 111-76-2 Chemical Name: Glycol Ether % by Weight: 6%	Shipping Information: Containers >1 gallon: Cleaning Compound. Containers 1 gallon: Cleaning Compound. Containers <1 gallon: Cleaning Compound.	HMIS Hazardous Material Identification System	
		Health	2
		Flammability	0
		Reactivity	0
		Personal Protection	D

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.