

SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: Heavy Duty Cleaner and Stripper

Chemical Name: Cleaner and stripper

Product Use/Class: Aqueous floor cleaner/stripper

Company Information: Mannington Mills, Inc.
P.O. Box 30, Rte. 45
75 Mannington Mills Road
Salem, New Jersey 08079
Phone: (856) 935-3000

Phone Numbers: **Product Emergency:** (866) 359-5602
Spill Response: (800) 424-9300

Effective Date: 20/June/2003 **Reason for Revision:** Updated MSDS Format
Supersedes Date: Feb 2002

SECTION 2 - COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS Number	Weight%	Exposure Guidelines				
			ACGIH - TLV		OSHA - PEL		Other
			TWA	STEL	TWA	Ceil	
Glycol ether	34590-94-8	N.A.	100 ppm	N.A.	N.A.	N.A.	
Ethanolamine	141-43-5	N.A.	3 ppm	N.A.	N.A.	N.A.	
Ammonia	7664-41-7	N.A.	25 ppm	N.A.	N.A.	N.A.	

SECTION 3 - HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

Form: Liquid
Color: Clear to hazy
Odor: Mild ammonia odor

WARNING STATEMENTS

None

POTENTIAL HEALTH EFFECTS

Primary Routes of Exposure

Eye contact: May cause irritation to eyes and possible conjunctivitis.
Skin contact: Prolonged or repeated contact with skin may cause irritation and possible dermatitis.
Inhalation: May be hazardous if inhaled in large amounts. May cause irritation to nose, throat, and
Ingestion: May be toxic if ingested in large amounts. May cause throat irritation, gastrointestinal discomfort, and vomiting.

Chronic: N.A.
Other: N.A.

Refer to Section 11 for toxicological information.

SECTION 4 - FIRST AID MEASURES

If in Eyes:	Flush eyes with water for 15-20 minutes.
If on Skin:	Wash skin thoroughly with soap and warm water. Remove and wash contaminated clothing. Consult physician if irritation persists.
If Inhaled:	Move victim to fresh air. If breathing is difficult, give oxygen. Seek medical attention.
If Swallowed:	Do not induce vomiting. Drink 1 to 2 large glasses of water or milk to dilute. Careful evacuation of stomach is advised, as opposed to inducing vomiting because of potential of further irritation to mouth, throat and esophagus.

SECTION 5 - FIRE FIGHTING MEASURES

Flash Point:	Non-combustible
Lower Explosive Limit (LEL) %:	Not available
Upper Explosive Limit (UEL) %:	Not available
Auto-Ignition Temperature:	Not available
OSHA Flammability Classification:	Not available
Hazardous Products of Combustion:	Not available
Extinguishing Media:	Use extinguishing media appropriate for surrounding fire.
Unusual Fire and Explosion Hazards:	Not available
Fire Fighting Equipment:	See above
Miscellaneous Advice:	None

See Section 10.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

Personal precautions:	Keep bystanders away. Floor may be slippery.
Methods for clean-up:	Contain spills immediately with inert material (kitty litter, absorbent pads, rags, towels). Transfer liquids and solid material to a suitable container for proper disposal.

Refer to Section 13 for disposal information.

Refer to sections 14 & 15 for reportable quantity information.

SECTION 7 - HANDLING AND STORAGE

Handling:

Use only in well ventilated areas. This product is non-combustible.

Storage:

Store in a dry environment. Keep from prolonged freezing for optimum performance. However, product will withstand three freeze-thaw cycles with no adverse effects on performance. If accidentally frozen, allow to thaw completely, mix thoroughly and check for homogeneity. Acceptable storage temperature range is 35-95 deg F.

Consult the Mannington Professional Installation Guide for additional information on handling and storage.

SECTION 8 - EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls:	Use adequate ventilation, local exhaust at point of use.
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Respiratory Protection: Not normally required, provided adequate ventilation exists. NIOSH approved respirator would be recommended for persons sensitive to vapors or if ventilation not

Eye Protection: Eye protection suitable to prevent material from being splashed into eyes is

Hand and Skin Protection: Rubber or vinyl gloves should be worn to prevent potential skin irritation from prolonged exposure or handling.

Other Protective Equipment: None

Hygienic Practices: Wash hands before eating, smoking, or using toilet facilities. Do not smoke in any chemical handling or storage area. Food or beverages should not be consumed anywhere this product is handled or stored. Wash thoroughly after handling.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Clear to hazy liquid	Water Solubility:	Completely soluble
Physical State:	Liquid	Volatiles (Wt %):	69% minimum
Boiling Point:	At proper dilution essentially that of water	Evaporation Rate:	At proper dilution essentially that of water
Vapor Density:	At proper dilution essentially that of water	pH:	10.5, as supplied in bottle

SECTION 10 - STABILITY AND REACTIVITY

Conditions to avoid:	N.A.
Materials to avoid:	Avoid strong oxidizing agents and/or reducing agents.
Stability:	Stable
Hazardous reactions:	N.A.
Hazardous Polymerization:	Will not occur
Hazardous Decomposition Products:	None known

SECTION 11 - TOXICOLOGICAL INFORMATION

Product LD50 (Oral):	Not determined
Product LD50 (Dermal):	Not determined
Product LC50:	Not determined
Immediate (Acute) Effects:	None known
Delayed (Subchronic & Chronic) Effect:	Overexposure can cause irritation to nose, throat, lungs, eyes and skin. May lead to dermatitis, conjunctivitis, and gastrointestinal discomfort.

SECTION 12 - ECOLOGICAL INFORMATION

At proper mix ratio product produces no to slight toxicity to aquatic life. Insufficient data exists to evaluate the effect on plants, birds, or land animals.

SECTION 13 - DISPOSAL CONSIDERATIONS

US EPA RCRA Status:	N.A.
Disposal Considerations:	N.A.
Disposal Method:	N.A.
Miscellaneous:	Disposal should be done in accordance with local, state, and federal (40 CFR part 261) regulations. Be aware that state and local requirements may differ widely depending on location and in many cases be different from federal rules.

SECTION 14 - TRANSPORT INFORMATION

The information provided in this section is for information only. Please apply the appropriate regulations to properly classify your shipment for transport.

DOT Proper Shipping Name: Not regulated
DOT Hazard Class: Not regulated
DOT UN/NA Number: Not regulated
Packing Group: Not regulated
Emergency Response Guide Number: Not regulated
Other: Not regulated

SECTION 15 - REGULATORY INFORMATION

U.S. Federal Regulations: Not available
SARA Section 313: Ammonia, CAS 7664-41-7 is listed
Toxic Substances Control Act: No information available
Inventory Status: Not available
Export Notification: Not available
Other: **California Proposition 65** - No components in this product are present at levels known to the state of California to cause cancer, birth defects, or reproductive harm.

SECTION 16 - OTHER INFORMATION

	Health	Fire	Reactivity	Additional Information
Hazard Rating:	1	0	0	

Food or beverages should not be consumed where this product is used or stored.

Keep out of reach of children.

Legend:

N.A. - Not Available
S - Skin
C - Ceiling (Exposure Levels)
PEL - Permissible Exposure Limits
MSHA - Mine Safety and Health Adm
TSCA - Toxic Substances Control Act
CIH - Certified Industrial Hygienist
NFPA - National Fire Protection Association
OEL - Occupational Exposure Limit
OSHA - Occupational Safety and Health Administration
CERCLA - Comprehensive Environmental Response, Comprehensive and Liability

ppm - parts per million
NIOSH - National Institute for Occupational Safety
ACGIH - American Conference of Government Industrial Hygienist
TLV - Exposure limits developed by ACCIH
TWA - Time Weighted Average
STEL - Short-Term Exposure Limit
HAZCOM - Hazard Communication Standard (29CFR1910.1200)

DISCLAIMER

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