

**SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION****Product Name:** Rinse Free Cleaner**Chemical Name:** Aqueous floor cleaner**Product Use/Class:** Floor cleaner**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:** 17/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	
Dipropylene glycol monomethyl ether	34590-94-8	N.A.	N.A.	N.A.	N.A.	N.A.	
1-methoxy-2-propanol	107-98-2	N.A.	N.A.	N.A.	N.A.	N.A.	

**SECTION 3 - HAZARDS IDENTIFICATION****EMERGENCY OVERVIEW****Form:** Liquid  
**Color:** Clear to hazy  
**Odor:** Slight**WARNING STATEMENTS**

Eye and skin irritant.

**POTENTIAL HEALTH EFFECTS****Primary Routes of Exposure****Eye contact:** May cause eye irritation.  
**Skin contact:** Contact with skin may cause irritation, possible rash or reddening upon contact. May cause allergic reaction or skin desensitization.  
**Inhalation:** May be hazardous if inhaled in large amounts. May cause irritation to nose, throat, and lungs.

**Ingestion:** May be toxic if ingested in large amounts. May cause throat irritation, gastrointestinal discomfort, and vomiting.

**Chronic:**

**Other:** **Effects of overexposure** - Prolonged inhalation can cause irritation to throat, nose, and lungs. Prolonged eye contact can cause irritation to eyes and possible conjunctivitis. Prolonged skin contact can cause irritation and possible dermatitis.

Refer to Section 11 for toxicological information.

## SECTION 4 - FIRST AID MEASURES

**If in Eyes:** Flush eyes with water for 15-20 minutes. Seek medical attention.

**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:** If ingestion occurs, do not induce vomiting. Drink 1 or 2 glasses of water or milk to dilute. Careful evacuation of the stomach is advised, as opposed to inducing vomiting because of potential or further irritation to mouth, throat and esophagus.

## SECTION 5 - FIRE FIGHTING MEASURES

**Flash Point:** Not available

**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:** Use full protective clothing and equipment, including self-contained breathing apparatus.

**Miscellaneous Advice:** Not available

See Section 10.

## SECTION 6 - ACCIDENTAL RELEASE MEASURES

**Personal precautions:** Keep bystanders away. Floor may be slippery.

**Methods for clean-up:** Contain or absorb spills with inert materials (kitty litter, 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.

**Storage:**  
Store in a dry environment. Keep from prolonged freezing for optimum performance. However, this 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

<b>Engineering Controls:</b>	Use adequate ventilation, local exhaust at point of use.
<b>Respiratory Protection:</b>	Not normally required, provided adequate ventilation. NIOSH approved respirator would be recommended in absence of ventilation.
<b>Eye Protection:</b>	Eye protection suitable to prevent material from being splashed into eyes is
<b>Hand and Skin Protection:</b>	Rubber or vinyl gloves should be worn to prevent potential skin irritation from prolonged exposure or handling.
<b>Other Protective Equipment:</b>	N.A.
<b>Hygienic Practices:</b>	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

<b>Appearance:</b>	Clear to hazy liquid	<b>Water Solubility:</b>	Completely soluble
<b>Physical State:</b>	Liquid	<b>Volatiles (Wt %):</b>	80% minimum
<b>Boiling Point:</b>	At proper dilution - essentially that of water.	<b>Evaporation Rate:</b>	At proper dilution - essentially that of water.
<b>Vapor Density:</b>	At proper dilution - essentially that of water.	<b>pH:</b>	10-11 as supplied.
<b>Specific Gravity:</b>	1.0-1.2 (Water = 1.0)		

## SECTION 10 - STABILITY AND REACTIVITY

<b>Conditions to avoid:</b>	N.A.
<b>Materials to avoid:</b>	Strong oxidizing and/or reducing agents.
<b>Stability:</b>	Product is stable under normal storage conditions.
<b>Hazardous reactions:</b>	N.A.
<b>Hazardous Polymerization:</b>	Will not occur.
<b>Hazardous Decomposition Products:</b>	None

## SECTION 11 - TOXICOLOGICAL INFORMATION

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

## SECTION 12 - ECOLOGICAL INFORMATION

At proper dilution 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

<b>US EPA RCRA Status:</b>	N.A.
<b>Disposal Considerations:</b>	N.A.

**Disposal Method:** N.A.  
**Miscellaneous:** Disposal should be done in accordance with all local, state, and federal (40 CFR part 261) regulations. Be aware that state and local requirements may differ widely depending on location, and may 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:** No components listed  
**Toxic Substances Control Act:** No information available.  
**Inventory Status:** Not available  
**Export Notification:** Not available  
**Other:** **California Proposition 65** - No components are present at levels considered hazardous by OSHA, nor:  
 Known to the state of California to cause cancer  
 Known to the state of California as developmental hazards  
 Known to the state of California as male reproductive hazards  
 Known to the state of California as female reproductive hazards

**SECTION 16 - OTHER INFORMATION**

	Health	Fire	Reactivity	Additional Information
<b>Hazard Rating:</b>	1	0	0	

Keep out of reach of children.

**Legend:**

N.A. - Not Available ppm - parts per million  
 S - Skin NIOSH - National Institute for Occupational Safety  
 C - Ceiling (Exposure Levels) ACGIH - American Conference of Government Industrial Hygienist  
 PEL - Permissible Exposure Limits TLV - Exposure limits developed by ACCIH  
 MSHA - Mine Safety and Health Adm TWA - Time Weighted Average  
 TSCA - Toxic Substances Control Act STEL - Short-Term Exposure Limit  
 CIH - Certified Industrial Hygienist HAZCOM - Hazard Communication Standard (29CFR1910.1200)  
 NFPA - National Fire Protection Association  
 OEL - Occupational Exposure Limit  
 OSHA - Occupational Safety and Health Administration  
 CERCLA - Comprehensive Environmental Response, Comprehensive and Liability

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