

# MATERIAL SAFETY DATA SHEET

(COMPLIES WITH 29CFR 1910.1200)

<b>SECTION I - CHEMICAL PRODUCT &amp; COMPANY IDENTIFICATION</b>		
Identity (As Used on Label and List): Premier Product Class: Water-borne floor polish Emergency Telephone Number: 800-255-3924 Telephone Number for Information: 651-481-1900 Manufacturer's Name and Address: Multi-Clean®, 600 Cardigan Road Shoreview, MN 55126		
<b>SECTION II - COMPOSITION/INFORMATION ON INGREDIENTS</b>		
Hazardous Components (Specific Chemical Identity):		
Chemical	Common Name(s) %	
A	Emulsified acrylic polymers (proprietary) 10 - 30	
B	Diethylene glycol monoethyl ether CAS #111-90-0 3 - 7	
C	Tributoxyethyl phosphate CAS #78-51-3 1 - 5	
D	Emulsified polymer wax (proprietary) 1 - 5	
E	Water 60 - 100	
F	Dipropylene glycol methyl ether CAS #34590-94-8 2 - 6	
<b>SECTION III - HAZARDS IDENTIFICATION</b>		
Emergency Overview Appearance and Odor: Milky white liquid, mild acrylic odor Primary Hazards: Irritant		
Potential Health Hazards Route(s) of Entry: Skin Absorption: X Ingestion: Inhalation: X Eye: May cause irritation on contact. Skin: May cause irritation on prolonged or repeated contact. Ingestion: May be harmful if swallowed. Inhalation: No effects expected. Signs and Symptoms of Exposure: Irritation on direct contact. Carcinogenicity: NTP? No IARC Monographs? No OSHA Regulated? No Target Organ (s): No additional data Medical Conditions Generally Aggravated by Exposure: N. Av. Health Hazards, Chronic: N. Av.		
<b>SECTION IV - FIRST AID MEASURES</b>		
Emergency and First Aid Procedures: If Swallowed: Do not induce vomiting. Drink water in large amounts and call a physician immediately. Never give anything by mouth to an unconscious person. <b>Eye Contact:</b> Flush eyes with running water for at least 15 minutes. If irritation persists, obtain medical attention. <b>Skin Contact:</b> Flush thoroughly with cool water. Remove and wash contaminated clothing before reuse. Sources Used: Raw material data, general toxicology from the trade for similar products.		
<b>SECTION V - FIRE FIGHTING MEASURES</b>		
Flammability: No	Autoignition Temperature: N. Av.	
Flash Point (method used): None		
Flammable Limits: N. Av.	LEL UEL	
Extinguishing Media N. Av.		
Water?	Foam?	Water Fog?
Alcohol Foam?	CO2?	Dry Chemical?
Vaporizing Liquid?	Other?	
Special Fire Fighting Procedures: N. Av.		
Unusual Fire and Explosion Hazards: N. Av.		
TDG Flammability Classification: Non-flammable		
Sensitivity to Mechanical Impact: None		
Sensitivity to Static Discharge: None		
<b>SECTION VI - ACCIDENTAL RELEASE MEASURES</b>		
Steps to be Taken in Case Material is Released or Spilled: Dike and contain spill with inert material (sand, earth, etc). Collect spill with mop, absorbent material (example: floor-dri) or vacuum. Thoroughly rinse affected area with water.		
<b>SECTION VII - HANDLING AND STORAGE</b>		
Precautions to be Taken in Handling and Storing: Storage Temperature: Minimum 40°F (4°C); Maximum 100°F (38°C) Other Precautions: Keep out of reach of children. Keep from freezing.		
<b>SECTION VIII - EXPOSURE CONTROLS/PERSONAL PROTECTION</b>		
Respiratory Protection (Specify Types): Not required Ventilation: Local Exhaust: Not required Special: Not required Mechanical (General): Normal good ventilation sufficient. Other: Not required Protective Gloves: Natural rubber or synthetic. Eye Protection: Approved safety goggles or glasses. Footwear: Not required Other Protective Clothing or Equipment: Not required Work/Hygienic Practices: Do not contaminate food or beverages with cleaning chemicals.		

<b>SECTION IX - PHYSICAL/CHEMICAL CHARACTERISTICS</b>					
Boiling Point: Approximately 212°F	pH: 8 - 9				
Specific Gravity (H2O) = 1: 1.034	% Volatile: 80				
Vapor Density (Air = 1): > 1	Odor Threshold: N. Av.				
Evaporation Rate (Butyl Acetate = 1): N. Av.	Oil/Water Distribution Coefficient: N. Av.				
Solubility in Water: Complete					
Vapor Pressure (MM HG): N. Av.					
Melting Point: N. Av.					
<b>SECTION X - STABILITY AND REACTIVITY</b>					
Stability: Unstable: Stable: X					
Conditions to Avoid: N. Av.					
Incompatibility (materials to avoid): N. Av.					
Hazardous Decomposition or By-products: N. Av.					
Hazardous Polymerization: May occur: Will not occur: X					
Conditions to Avoid: N. Av.					
<b>SECTION XI - TOXICOLOGICAL INFORMATION</b>					
Chemical	OSHA PEL	ACGIH TLV	Recom.	LD50	LC50
A	N. Av.	N. Av.	N. Av.	N. Av.	N. Av.
B	N. Av.	N. Av.	N. Av.	5,000 mg/kg	> 200 mg/L
C	N. Av.	N. Av.	N. Av.	N. Av.	N. Av.
D	N. Av.	N. Av.	N. Av.	N. Av.	N. Av.
E	N. Av.	N. Av.	N. Av.	N. Av.	N. Av.
F	100 ppm (skin)	100 ppm (skin)	100 ppm (skin)	> 5 ml/kg (rat, oral)	N. Av.
Teratogen, Mutagen, Reproductive Toxin Status: No		Toxicologically Synergistic Products: N. Av.			
<b>SECTION XII - ECOLOGICAL INFORMATION</b>		Ecotoxicological Information: N. Av. Chemical Fate Information: N. Av.			
<b>SECTION XIII - DISPOSAL CONSIDERATIONS</b>		Waste Disposal Method: Solution may contain zinc. Coagulate with ferric chloride or sulfate and then lime. Decant the clear liquid to a sewer. Dispose of the coagulum by sanitary landfill or incinerator. Follow all existing pollution control ordinances. RCRA Hazard Class: None			
<b>SECTION XIV - TRANSPORT INFORMATION</b>		Shipping Classification: Buffing or polishing compound UN Number: N. Av. Packing Group: N. Av.			
<b>SECTION XV - PREPARATION DATA</b>		Prepared By: Ron Camp Telephone Number: 651-481-1900 Date: 4-12			
<b>SECTION XVI - REGULATORY INFORMATION</b>		US Federal Regulations TSCA Status: All ingredients listed. CERCLA Reportable Quality: None SARA Title III Section 302 Extremely Hazardous Chemicals: None Section 311/312 Hazard Category: Immediate health hazard Section 313 Toxic Chemicals: Diethylene glycol monoethyl ether (glycol ether). State Regulations International Regulations WHMIS Controlled Product Hazard Class: D2B			
<b>SECTION XVII - OTHER INFORMATION</b>		None			
N. Av. - Not Applicable; N. Av. - Not Available					

## NFPA SYSTEM

1 A. Health Hazard      0 A. Fire Hazard      0 A. Reactivity Hazard

THE INFORMATION CONTAINED HEREIN IS BASED ON DATA CONSIDERED ACCURATE, HOWEVER NO WARRANTY IS EXPRESSED OR IMPLIED REGARDING THE ACCURACY OF THESE DATA OR THE RESULTS TO BE OBTAINED FROM THE USE THEREOF. MINUTEMAN INTERNATIONAL, INC. ASSUMES NO RESPONSIBILITY FOR PERSONAL INJURY OR PROPERTY DAMAGE TO VENDEES, USERS OR THIRD PARTIES CAUSED BY THE MATERIAL. SUCH VENDEES OR USERS ASSUME ALL RISKS ASSOCIATED WITH THE USE OF THE MATERIAL.