

MATERIAL SAFETY DATA SHEET

(COMPLIES WITH 29CFR 1910.1200)

SECTION I - CHEMICAL PRODUCT & COMPANY IDENTIFICATION 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																					
SECTION II - COMPOSITION/INFORMATION ON INGREDIENTS Hazardous Components (Specific Chemical Identity): <table border="1"><thead><tr><th>Chemical</th><th>Common Name(s)</th><th>%</th></tr></thead><tbody><tr><td>A</td><td>Emulsified acrylic polymers (proprietary)</td><td>10 - 30</td></tr><tr><td>B</td><td>Diethylene glycol monoethyl ether CAS #111-90-0</td><td>3 - 7</td></tr><tr><td>C</td><td>Tributoxyethyl phosphate CAS #78-51-3</td><td>1 - 5</td></tr><tr><td>D</td><td>Emulsified polymer wax (proprietary)</td><td>1 - 5</td></tr><tr><td>E</td><td>Water CAS #7732-18-5</td><td>60 - 100</td></tr><tr><td>F</td><td>Dipropylene glycol methyl ether CAS #34590-94-8</td><td>2 - 6</td></tr></tbody></table>	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 CAS #7732-18-5	60 - 100	F	Dipropylene glycol methyl ether CAS #34590-94-8	2 - 6
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SECTION III - HAZARDS IDENTIFICATION 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.																					
SECTION IV - FIRST AID MEASURES 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. Eye Contact: Flush eyes with running water for at least 15 minutes. If irritation persists, obtain medical attention. Skin Contact: 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.																					
SECTION V - FIRE FIGHTING MEASURES 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																					
SECTION VI - ACCIDENTAL RELEASE MEASURES 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.																					
SECTION VII - HANDLING AND STORAGE 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.																					
SECTION VIII - EXPOSURE CONTROLS/PERSONAL PROTECTION 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.																					

SECTION IX - PHYSICAL/CHEMICAL CHARACTERISTICS 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. Ap.
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SECTION X - STABILITY AND REACTIVITY Stability: Unstable: Stable: X Conditions to Avoid: N. Ap. 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. Ap.

SECTION XI - TOXICOLOGICAL INFORMATION					
Chemical	OSHA PEL	ACGIH TLV	Recom.	LD50	LC50
A	N. Ap.	N. Ap.	N. Ap.	N. Av.	N. Av.
B	N. Ap.	N. Ap.	N. Av.	5,000 mg/kg	> 200 mg/L
C	N. Ap.	N. Ap.	N. Av.	N. Av.	N. Av.
D	N. Ap.	N. Ap.	N. Av.	N. Av.	N. v.
E	N. Ap.	N. Ap.	N. Ap.	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.

SECTION XII - ECOLOGICAL INFORMATION Ecotoxicological Information: N. Av. Chemical Fate Information: N. Av.
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SECTION XIII - DISPOSAL CONSIDERATIONS 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
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SECTION XIV - TRANSPORT INFORMATION Shipping Classification: Buffing or polishing compound UN Number: N. Ap. Packing Group: N. Ap.

SECTION XV - PREPARATION DATA Prepared By: Mike Elms Telephone Number: 651-481-1900 Date: 12-09
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SECTION XVI - REGULATORY INFORMATION 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
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SECTION XVII - OTHER INFORMATION None N. Ap. - Not Applicable; N. Av. - Not Available
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NFPA SYSTEM
1 A. Health Hazard _0_ A. Fire Hazard _0_ A. Reactivity Hazard

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