

MATERIAL SAFETY DATA SHEET

(COMPLIES WITH 29CFR 1910.1200)

SECTION I - CHEMICAL PRODUCT & COMPANY IDENTIFICATION		
Identity (As Used on Label and List): Multi-Stat Finish 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):		
Chemical	Common Name(s) %	
A	Emulsified acrylic polymer (proprietary) 10 - 30	
B	Diethylene glycol monoethyl ether CAS #111-90-0 3 - 7	
C	Tributoxyethyl phosphate CAS #78-51-3 1 - 5	
D	Acrylic terpolymer resin 1 - 5	
E	Emulsified polymer wax 1 - 5	
F	Water 60 - 100	
G	Dipropylene glycol methyl ether CAS #7732-18-5 CAS #34590-94-8 1 - 5	
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: X 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):	Skin, eyes, respiratory system. See Health Hazards Chronic.	
Medical Conditions Generally Aggravated by Exposure:	N. Av.	
Health Hazards, Chronic:	Overexposure to Dipropylene glycol methyl ether or its components has apparently been found to cause the following effects in laboratory animals, liver abnormalities and kidney damage.	
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. Inhalation: If ill effects occur from breathing vapors, remove victim to fresh air, quite, keep warm and contact physician.		
Sources Used: Raw material data, general toxicology from the trade for similar products.		
SECTION V - FIRE FIGHTING MEASURES		
Flammability:	No Autoignition Temperature: N. Ap.	
Flash Point (method used):	None	
Flammable Limits:	N. Ap. LEL UEL	
Extinguishing Media:	N. Ap.	
Water?	Foam?	Water Fog?
Alcohol Foam?	CO ₂ ?	Dry Chemical?
Vaporizing Liquid?	Other?	
Special Fire Fighting Procedures:	N. Ap.	
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:	9		
Specific Gravity (H ₂ O) = 1:	1.034	% Volatile:	75 - 80		
Vapor Density (Air = 1):	> 1	Odor Threshold:	N. Av.		
Evaporation Rate (Butyl Acetate = 1):	N. Av.	Oil/Water Distribution			
Solubility in Water:	Complete	Coefficient:	N. Av.		
Vapor Pressure (MM HG):	N. Av.				
Melting Point:	N. Ap.				
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. Av.	N. Av.	N. Av.
B	N. Ap.	N. Ap.	N. Av.	5,000 mg/kg (rat, oral)	> 200mg/L (1 hr.)
C	None	None	N. Av.	N. Av.	N. Av.
D	None	None	N. Av.	N. Av.	N. Av.
E	None	None	N. Av.	N. Av.	N. Av.
F	None	None	N. Av.	N. Av.	N. Av.
G	100 ppm	100 ppm	N. Av.	5.6 gm/kg (rat, oral)	> 33,000 ppm (rat)
Teratogen, Mutagen, Reproductive Toxin Status:				No	
Toxicologically Synergistic Products:				N. Av.	
SECTION XII - ECOLOGICAL INFORMATION					
Ecotoxicological Information:				N. Av.	
Chemical Fate Information:				N. Av.	
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	
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	
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:				Dipropylene glycol methyl ether (glycol ether) and Ethylene glycol monoethyl ether (glycol ether)	
State Regulations					
International Regulations				WHMIS Controlled Product Hazard Class: D2B	
SECTION XVII - OTHER INFORMATION					
None					
N. Ap. - Not Applicable; N. Av. - Not Available					

NFPA SYSTEM

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

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