

MATERIAL SAFETY DATA SHEET

(COMPLIES WITH 29CFR 1910.1200)

SECTION I - CHEMICAL PRODUCT & COMPANY IDENTIFICATION		
Identity (As Used on Label and List): Inferno Stripper Product Class: Water-based floor finish stripper Emergency Telephone Number: 800-255-3924 Telephone Number for Information: 651-481-1900 Manufactured by: Multi-Clean 600 Cardigan Road Shoreview, MN 55126		
SECTION II - COMPOSITION/INFORMATION ON INGREDIENTS		
Hazardous Components (Specific Chemical Identity):		
Chemical	Common Name(s) %	
A	Dipropylene Glycol Methyl Ether CAS #34590-94-8 20 - 40	
B	Propylene Glycol n-Butyl Ether CAS #5131-66-8 1 - 10	
C	Potassium Hydroxide CAS #1310-58-3 1 - 5	
D	Ethanolamine CAS #141-43-5 1 - 10	
E	Water CAS #7732-18-5 45 - 75	
SECTION III - HAZARDS IDENTIFICATION		
Emergency Overview		
Appearance and Odor: Clear liquid, Sassafras Fragrance. Primary Hazards: Corrosive		
Potential Health Hazards		
Route(s) of Entry: Skin Absorption: X Ingestion: Inhalation: X		
Eye: May cause chemical burns on contact.		
Skin: May cause chemical burns on contact.		
Ingestion: May be harmful if swallowed.		
Inhalation: Overexposure to vapors may be harmful.		
Signs and Symptoms of Exposure: Irritation on direct contact.		
Carcinogenicity: NTP? No IARC Monographs? No		
OSHA Regulated? No		
Target Organ (s): Eyes, skin, liver, kidneys, nervous system, respiratory system and blood.		
Medical Conditions Generally Aggravated by Exposure: N. Av.		
Health Hazards, Chronic: Overexposure to Dipropylene Glycol Methyl Ether or its components has been found to cause mild, reversible liver effects in laboratory testing.		
SECTION IV - FIRST AID MEASURES		
Emergency and First Aid Procedures: If swallowed: Do not induce vomiting. If a person can swallow, give several glasses of water. Obtain immediate medical attention. Eye contact: Flush eyes with running water for at least 15 minutes. Obtain immediate medical attention. Skin contact: Flush with cool water. Remove and wash contaminated clothing before reuse. For inhalation: Remove to fresh air. If irritation persists, pursue medical attention. 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?	CO₂?	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: Normal care in handling and storage.		
Other Precautions: Keep out of reach of children. Keep from freezing.		

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SECTION VIII - EXPOSURE CONTROLS/PERSONAL PROTECTION					
Respiratory Protection (Specify Types): Not required. Dust/mist mask recommended if working in heavy cleaner mists or spray. Ventilation: Local Exhaust: Not required Special: Not required Mechanical (General): As required to keep vapor levels below TLV & PEL, listed in Section XI. Other: Not required Protective Gloves: Natural rubber or synthetic. Eye Protection: Approved safety goggles or shield. Footwear: Rubber footwear. 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: >13.0				
Specific Gravity (H₂O) = 1: 1.01	% Volatile: 75 - 95				
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	100 ppm (skin)	100 ppm (skin)	N. Av.	5.6 gm/kg (rat, oral)	>33,000 ppm (rat)
B	N. Av.	N. Av.	N. Av.	3,300 mg/kg (rat, oral)	N. Av.
C	C2 mg/M ₃	C2 mg/M ₃	N. Av.	205 mg/kg (rat, oral)	N. Av.
D	3 ppm	3 ppm	N. Av.	N. Av.	N. Av.
E	None	None	N. Av.	N. Av.	N. Av.
Teratogen, Mutagen, Reproductive Toxin Status: No data with known relevance to humans. 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: Dispose of spilled material in accordance with local, state and federal regulations. Waste from normal cleaning procedures may be sewerred, depending on the materials and/or contaminants being cleaned as well as state, federal and local sewer commission regulations. RCRA Hazard Class: D002, characteristic corrosive.					
SECTION XIV - TRANSPORT INFORMATION					
Shipping Classification: Corrosive liquid, basic inorganic NOS (potassium hydroxide) class 8 UN Number: UN3266 Packing Group: II					
SECTION XV - PREPARATION DATA					
Prepared By: Travis Emmert			Telephone Number: 651-481-1900		
Date: 12-09					
SECTION XVI - REGULATORY INFORMATION					
US Federal Regulations					
TSCA Status: All ingredients listed.					
CERCLA Reportable Quality: N. Av.					
SARA Title III					
Section 302 Extremely Hazardous Chemicals: None					
Section 311/312 Hazard Category: Immediate health, chronic health					
Section 313 Toxic Chemicals: None					
State Regulations					
International Regulations					
WHMIS Controlled Product Hazard Class: E					
SECTION XVII - OTHER INFORMATION					
None					
N. Ap. - Not Applicable; N. Av. - Not Available					

NFPA SYSTEM

2 A. Health Hazard 0 A. Fire Hazard 0 A. Reactivity Hazard