

MATERIAL SAFETY DATA SHEET

(COMPLIES WITH 29CFR 1910.1200)

SECTION I - CHEMICAL PRODUCT & COMPANY IDENTIFICATION	
Identity (As Used on Label and List): Multi-Clean Karpetreel II Product Class: Carpet protectant Emergency Telephone Number: 800-255-3924 Telephone Number for Information: 651-481-1900 Manufacturer's Name and Address: Multi-Clean®, A Division of Minuteman International, Inc. 600 Cardigan Road Shoreview, MN 55126	
SECTION II - COMPOSITION/INFORMATION ON INGREDIENTS	
Hazardous Components (Specific Chemical Identity):	
Chemical	Common Name(s) %
A	Polyfunctional perfluoroalkyl ester mixture 1 - 5 NJ Trade Secret Registry #00850201001-5259P
B	Polymethyl methacrylate 2 - 6 CAS #9011-14-7
C	Water 90 - 100 CAS #7732-18-5
SECTION III - HAZARDS IDENTIFICATION	
Emergency Overview	
Appearance and Odor: White opaque liquid, mild 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 and/or allergic skin rash on prolonged or repeated contact.	
Ingestion: May be harmful if swallowed.	
Inhalation: Spray or mists may be harmful if inhaled.	
Signs and Symptoms of Exposure: Possible eye 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: Individuals with pre-existing diseases of the lungs may have increased susceptibility to the toxicity of excessive exposures.	
Health Hazards, Chronic: N. Av.	
SECTION IV - FIRST AID MEASURES	
Emergency and First Aid Procedures:	
If Swallowed: 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 of vapors: Remove to fresh air.	
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: Heated above 200°C or in fire conditions toxic decomposition products may be formed. These products may cause severe eye, nose, throat and lung irritation.	
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): Organic vapor mask with dust/mist protection if airborne mists are present.	
Ventilation: Local Exhaust: Not required Special: Not required	
Mechanical (General): Provide adequate ventilation to reduce exposure to airborne particles. 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: Apply with airless type pressure spray equipment at less than 60 psi. As with any cleaning chemical, minimize exposure to airborne mists and sprays.	

SECTION IX - PHYSICAL/CHEMICAL CHARACTERISTICS					
Boiling Point: Approximately 212°F (100°C)	pH: 7				
Specific Gravity (H ₂ O) = 1: 1.01	% Volatile: > 85				
Vapor Density (Air = 1): N. Av.	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.					
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	None	None	N. Av.	> 25,000 mg/kg (rat, oral)	42 mg/M3 (rat, 4 hr. ALC)
B	None	None	5 mg/m3 (8 hr TWA) respirable dust	> 2,000 mg/kg (rat, oral)	2 mg/L (rat, oral)
C	None	None	None	N. Av.	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.					
SECTION XIII - DISPOSAL CONSIDERATIONS					
Waste Disposal Method: Dispose of spilled material in accordance with local, state and federal regulations. Waste from normal product use (according to manufacturer's directions) may be sewered in compliance with local, state and federal regulations.					
RCRA Hazard Class: None					
SECTION XIV - TRANSPORT INFORMATION					
Shipping Classification: Compound, cleaning liquid, NOI.					
UN Number: N. Ap.					
Packing Group: N. Ap.					
SECTION XV - PREPARATION DATA					
Prepared By: Mike Tarvin					
Telephone Number: 651-481-1900					
Date: 4/08					
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: None					
Section 313 Toxic Chemicals: None					
State Regulations					
International Regulations					
WHMIS Controlled Product Hazard Class: N. Ap.					
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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