MATERIAL SAFETY DATA SHEET
(COMPLIES WITH 29CFR 1910.1200)

SECTION I - CHEMICAL PRODUCT & COMPANY IDENTIFICATION
Identity (As Used on Label and List): ExtracShield
Product Class: Water-based carpet cleaner
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 | Alkylated naphthalene sulfonate mixture (proprietary) | 1 - 5
B | Linear alcohol alkoxylate mixture (proprietary) | 3 - 7
C | Water | 60 - 100
CAS #7732-18-5

SECTION III - HAZARDS IDENTIFICATION
Emergency Overview
Appearance and Odor: Red liquid, floral aroma.
Primary Hazards: Irritant
Potential Health Hazards
Route(s) of Entry: Ingestion: X Inhalation: X
Eye: May cause irritation on contact. Skin: May cause irritation on prolonged or repeated contact. Inhalation: May be harmful if swallowed.
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: Drink water in large amounts and call a physician immediately. Never give anything by mouth to an unconscious person.
Eye: Flush 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
Flash Point (method used): None Flammable Limits: N. Ap. LEL UEL
Water? Foam? Water Fog?
Alcohol Foam? CO2? Dry Chemical?
Vaporizing Liquid? Other?
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.

SECTION VIII - EXPOSURE CONTROLS/PERSONAL PROTECTION
Respiratory Protection (Specify Type): 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 Specific Gravity (H2O) = 1: 1.012 % Volatile: > 85
Evaporation Rate (Butyl Acetate = 1): N. Av. Oil/Water Distribution Solubility in Water: Complete Coefficient: N. Av.

SECTION X - STABILITY AND REACTIVITY
Stability: Unstable: Stable: X
Incompatibility (materials to avoid): N. Av.
Hazardous Decomposition or By-products: N. Av.
Hazardous Polymerization: May occur: Will not occur: X

SECTION XI - TOXICOLOGICAL INFORMATION
Chemical | OSHA PEL | ACGIH TLV | Recom. LD50 | LC50
--- | --- | --- | --- | ---
A | None | None | N. Av. | 3,400 mg/kg | N. Av.
B | None | None | N. Av. | 3,000-3,400 mg/kg | N. Av.
C | None | None | N. Av. | N. Av. | N. Av.

Tetragen, 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 cleaning procedures may be sewered, depending on the materials and/or contaminants being cleaned as well as state, federal and local sewer commission regulations.
RCRA Hazard Class: None

SECTION XIV - TRANSPORT INFORMATION

SECTION XV - PREPARATION DATA
Prepared By: Ron Camp Telephone Number: 651-481-1900 Date: 4-12

SECTION XVI - REGULATORY INFORMATION
US Federal Regulations
TSCA Status: All ingredients listed.
CERCLA Reportable Quantity: None
SARA Title III
Section 302 Extremely Hazardous Chemicals: None
Section 311/312 Hazard Category: Immediate health hazard
Section 313 Toxic Chemicals: None
State Regulations
International Regulations
WHMIS Controlled Product Hazard Class: D2B

SECTION XVII - OTHER INFORMATION
None

NFPA SYSTEM
| 2 | A. Health Hazard | 0 | A. Fire Hazard | 0 | A. Reactivity Hazard |

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