MATERIAL SAFETY DATA SHEET

(COMPLIES WITH 29CFR 1910.1200)

SECTION I - CHEMICAL PRODUCT & COMPANY IDENTIFICATION

Identity (As Used on Label and List): 102 Beverage Stain Remover
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®,
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 1 - 5
CAS #34590-94-8
B Propylene Glycol n-Butyl Ether 1 - 5
CAS #5131-66-8
C Water 1 - 3
CAS #7664-38-2
D Water 80 - 100
CAS #7732-18-5

SECTION III - HAZARDS IDENTIFICATION

Emergency Overview
Appearance and Odor: Purple liquid, Fresh Fragrance.
Primary Hazards: Irritant
Potential Health Hazards
Route(s) of Entry: Skin Absorption: Ingestion: x Inhalation: x
Eye: May cause irritation on contact.
Skin: May cause irritation on contact.
Ingestion: May be harmful if swallowed.
Inhalation: No hazardous vapors.
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. 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, get medical attention.
Sources Used: Raw material data, general toxicology from the trade for similar products.

SECTION V - FIRE FIGHTING MEASURES

Flash Point (method used): None LEL N. Ap.
Flammable Limits: N. Ap. UEL
Water? No Foam? Yes 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-dr) 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 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 (100°C)
Specific Gravity (H2O = 1): 1.01 % Volatile: > 80
Evaporation Rate (Butyl Acetate = 1): N. Av. Oil/Water Distribution
Solubility in Water: Complete Coefficient: N. Av.
Vapor Pressure (MM HG): N. Av.

SECTION X - STABILITY AND REACTIVITY

Stability: Unstable: Stable: X
Conditions to Avoid: Contact with alkaline materials, reactive metals.
Incompatibility (materials to avoid): Reacts with strong bases.
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 100 ppm 100 ppm N. Av. 5.6 g/kg 33,000 ppm
B None None N. Av. 3,300 mg/kg (rat, oral)
C 1 mg/m3 1 mg/m3 N. Ap. 4,400 mg/kg (rat, oral)
D None None N. Av. N. Av. N. Av.

Teratogen, Mutagen, Reproductive Toxin Status: No
Toxically 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

Shipping Classification: Compound, cleaning liquid, N.O.I.

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 Quality: 5,000 Pounds (Phosphoric Acid)
SARA Title III
Section 302 Extremely Hazardous Chemicals: None
Section 307/311 Hazard Category: Immediate health hazard
Section 313 Toxic Chemicals: Phosphoric Acid
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

THE INFORMATION CONTAINED HEREIN IS BASED ON DATA CONSIDERED ACCURATE. HOWEVER NO WARRANTY IS EXPRESSED OR IMPLIED REGARDING THE ACCURACY OF THESE DATA OR THE RESULTS TO BE OBTAINED FROM THE USE THEREOF. MINUTEMAN INTERNATIONAL, INC. ASSUMES NO RESPONSIBILITY FOR PERSONAL INJURY OR PROPERTY DAMAGE TO VENDORS, USERS OR THIRD PARTIES CAUSED BY THE MATERIAL. SUCH VENDORS OR USERS ASSUME ALL RISKS ASSOCIATED WITH THE USE OF THE MATERIAL.