

# MATERIAL SAFETY DATA SHEET

(COMPLIES WITH 29CFR 1910.1200)

<b>SECTION I - CHEMICAL PRODUCT &amp; COMPANY IDENTIFICATION</b>		
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		
<b>SECTION II - COMPOSITION/INFORMATION ON INGREDIENTS</b>		
Hazardous Components (Specific Chemical Identity):		
Chemical	Common Name(s)	%
A	Dipropylene Glycol Methyl Ether CAS #34590-94-8	1 - 5
B	Propylene Glycol n-Butyl Ether CAS #5131-66-8	1 - 5
C	Phosphoric Acid CAS #7664-38-2	1 - 3
D	Water CAS #7732-18-5	80 - 100
<b>SECTION III - HAZARDS IDENTIFICATION</b>		
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.	
<b>SECTION IV - FIRST AID MEASURES</b>		
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.		
<b>SECTION V - FIRE FIGHTING MEASURES</b>		
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 <sub>2</sub> ?	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	
<b>SECTION VI - ACCIDENTAL RELEASE MEASURES</b>		
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.		
<b>SECTION VII - HANDLING AND STORAGE</b>		
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.		
<b>SECTION VIII - EXPOSURE CONTROLS/PERSONAL PROTECTION</b>		
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.	

<b>SECTION IX - PHYSICAL/CHEMICAL CHARACTERISTICS</b>					
Boiling Point:	Approximately 212°F (100°C)	pH:	1 - 2		
Specific Gravity (H <sub>2</sub> O) = 1:	1.01	% Volatile:	> 80		
Vapor Density (Air = 1):	N. Av.	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.				
<b>SECTION X - STABILITY AND REACTIVITY</b>					
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		
Conditions to Avoid:	N. Ap.				
<b>SECTION XI - TOXICOLOGICAL INFORMATION</b>					
Chemical	OSHA PEL	ACGIH TLV	Recom.	LD50	LC50
A	100 ppm (skin)	100 ppm (skin)	N. Av.	5.6 g/kg (rat, oral)	33,000 ppm
B	None	None	N. Av.	3,300 mg/kg (rat, oral)	N. Av.
C	1 mg/m <sup>3</sup>	1 mg/m <sup>3</sup>	N. Ap.	4,400 mg/kg (rat, oral)	
D	None	None	N. Av.	N. Av.	N. Av.
Teratogen, Mutagen, Reproductive Toxin Status: No					
Toxicologically Synergistic Products: N. Av.					
<b>SECTION XII - ECOLOGICAL INFORMATION</b>					
Ecotoxicological Information: N. Av.					
Chemical Fate Information: N. Av.					
<b>SECTION XIII - DISPOSAL CONSIDERATIONS</b>					
Waste Disposal Method:					
Dispose of spilled material in accordance with local, state and federal regulations. Waste from normal cleaning procedures may be sewer, depending on the materials and/or contaminants being cleaned as well as state, federal and local sewer commission regulations.					
RCRA Hazard Class: None					
<b>SECTION XIV - TRANSPORT INFORMATION</b>					
Shipping Classification: Compound, cleaning liquid, N.O.I.					
UN Number: N. Ap.					
Packing Group: N. Ap.					
<b>SECTION XV - PREPARATION DATA</b>					
Prepared By: Ron Camp					
Telephone Number: 651-481-1900					
Date: 4-12					
<b>SECTION XVI - REGULATORY INFORMATION</b>					
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 311/312 Hazard Category: Immediate health hazard					
Section 313 Toxic Chemicals: Phosphoric Acid					
State Regulations					
International Regulations					
WHMIS Controlled Product Hazard Class: D2B					
<b>SECTION XVII - OTHER INFORMATION</b>					
None					
N. Ap. - Not Applicable; N. Av. - Not Available					

## NFPA SYSTEM

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

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