

MATERIAL SAFETY DATA SHEET

(COMPLIES WITH 29CFR 1910.1200)

SECTION I - CHEMICAL PRODUCT & COMPANY IDENTIFICATION		
Identity (As Used on Label and List): Power Suds Product Class: Synthetic soap solution Emergency Telephone Number: 800-255-3924 Telephone Number for Information: 612-481-1900 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	Sodium Lauryl Ether Sulfate CAS #9004-82-4	5 - 10
B	Cocamidopropyl Betaine CAS #61789-40-0	1 - 5
C	Lauramine Oxide CAS #1643-20-5	2 - 8
D	Alkyl Polyglycoside CAS #110615-47-9	1 - 5
E	Water CAS #7732-18-5	60 - 100
SECTION III - HAZARDS IDENTIFICATION		
Emergency Overview		
Appearance and Odor: Orange Liquid, Orange-Pear Scent. Primary Hazards: No effects expected.		
Potential Health Hazards		
Route(s) of Entry:	Skin Absorption:	Ingestion: X Inhalation:
Eye:	May cause eye irritation on contact.	
Skin:	No effects expected.	
Ingestion:	May be harmful if swallowed.	
Inhalation:	No hazardous vapors.	
Signs and Symptoms of Exposure:	May cause irritation to eyes on direct contact.	
Carcinogenicity: NTP?	No	IARC Monographs? No
OSHA Regulated?	No	
Target Organ (s):	No additional data	
Medical Conditions Generally Aggravated by Exposure:	Dermatitis	
Health Hazards, Chronic:	No effects expected.	
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.		
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:	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 Types): Not required		
Ventilation: Local Exhaust:	Not required	Special: Not required
Mechanical (General):	Not required	Other: Not required
Protective Gloves:	Not required	
Eye Protection:	Not required	Footwear: Not required
Other Protective Clothing or Equipment:	Not required	
Work/Hygienic Practices:	No special procedures	

SECTION IX - PHYSICAL/CHEMICAL CHARACTERISTICS					
Boiling Point: Approximately 212°F		pH: 6.5 - 7.5			
Specific Gravity (H ₂ O) = 1: 1.02		% 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	N. Ap.	N. Ap.	N. Ap.	N. Av.	N. Av.
B	N. Ap.	N. Ap.	N. Ap.	N. Av.	N. Av.
C	N. Ap.	N. Ap.	N. Av.	1-5 gm/kg (rat-oral)	N. Av.
D	N. Ap.	N. Ap.	N. Ap.	N. Av.	N. Av.
E	N. Ap.	N. Ap.	N. Ap.	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 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					
SECTION XIV - TRANSPORT INFORMATION					
Shipping Classification: Compound, cleaning liquid, N.O.I.					
UN Number: N. Ap.					
Packing Group: N. Ap.					
SECTION XV - PREPARATION DATA					
Prepared By: Mike Elms					
Telephone Number: 651-481-1900					
Date: 12-09					
SECTION XVI - REGULATORY INFORMATION					
US Federal Regulations					
TSCA Status: All ingredients listed.					
CERCLA Reportable Quality: None					
SARA Title III					
Section 302 Extremely Hazardous Chemicals:					
Section 311/312 Hazard Category: None					
Section 313 Toxic Chemicals:					
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

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

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