

MATERIAL SAFETY DATA SHEET

(COMPLIES WITH 29CFR 1910.1200)

SECTION I - CHEMICAL PRODUCT & COMPANY IDENTIFICATION
Identity (As Used on Label and List): 15 Power Suds (Super Concentrate)
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. Av.
Flash Point (method used): None
Flammable Limits: N. Av. LEL UEL
Extinguishing Media: N. Av.
Water? **Foam?** **Water Fog?**
Alcohol Foam? **CO2?** **Dry Chemical?**
Vaporizing Liquid? **Other?**
Special Fire Fighting Procedures: N. Av.
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 (H2O) = 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. Av.

SECTION X - STABILITY AND REACTIVITY
Stability: **Unstable:** **Stable:** X
Conditions to Avoid: N. Av.
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. Av.

SECTION XI - TOXICOLOGICAL INFORMATION

Chemical	OSHA PEL	ACGIH TLV	Recom.	LD50	LC50
A	N. Av.	N. Av.	N. Av.	N. Av.	N. Av.
B	N. Av.	N. Av.	N. Av.	N. Av.	N. Av.
C	N. Av.	N. Av.	N. Av.	1-5 gm/kg (rat-oral)	N. Av.
D	N. Av.	N. Av.	N. Av.	N. Av.	N. Av.
E	N. Av.	N. Av.	N. Av.	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. Av.
Packing Group: N. Av.

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. Av.

SECTION XVII - OTHER INFORMATION
None
N. Av. - Not Applicable; N.Av. - Not Available

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

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