

MATERIAL SAFETY DATA SHEET

(COMPLIES WITH 29CFR 1910.1200)

SECTION I - CHEMICAL PRODUCT & COMPANY IDENTIFICATION

Identity (As Used on Label and List): Lotionized Hand Soap
Product Class: Synthetic soap solution
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	Sodium Lauryl Sulfate CAS #68585-47-7	1 - 5
B	Sodium Laureth Sulfate CAS #68385-34-2	1 - 5
C	Alkyl polyglycoside CAS #110615-47-9	1 - 5
D	Lauramide DEA CAS #Blend	1 - 3
E	Sodium Chloride CAS #7647-14-5	1 - 5
F	Cocamidopropyl Betaine CAS #61789-40-0	1 - 5
G	Water CAS #7732-18-5	60 - 100

SECTION III - HAZARDS IDENTIFICATION

Emergency Overview

Appearance and Odor: White, pearlescent liquid, fresh floral aroma.
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: 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: 1.03

% 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	None	None	N. Av.	< 5 gm/kg (rat, oral)	N. Av.
B	None	None	N. Av.	N. Av.	N. Av.
C	None	None	N. Av.	N. Av.	N. Av.
D	None	None	N. Av.	N. Av.	N. Av.
E	None	None	N. Av.	N. Av.	N. Av.
F	None	None	N. Av.	N. Av.	N. Av.
G	None	None	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 sewerred, 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: Trace amounts 1,4 Dioxane

CAS #123-91-1, Ethylene oxide CAS #75-21-8.

Section 311/312 Hazard Category: None

Section 313 Toxic Chemicals: Trace amounts Acetaldehyde

CAS #75-07-0, Ethylene oxide CAS #75-21-8, 1,4 Dioxane CAS #123-91-1.

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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