

MSDS - Material Safety Data Sheet**Product Name: Dial Liquid Hand Soap****MSDS No.: 116****I. Basic Information:**

Manufacturer: The Dial Corporation
Address: 1850 North Central Avenue
City, ST Zip: Phoenix, AZ 85004

**Last Update:** 10/28/91

Chemical State: Liquid Gas Solid

Chemical Type: Pure Mixture

1	Health
1	Flammability
0	Reactivity
	Pers. Protection

II. Ingredients:

CAS No.	Chemical Name	% Range	EHS	NTP	IARC	SARA SUB Z 313	OSHA PEL	ACGIH TLV	Other Limits
2235543	Ammonium Lauryl Sulfate								
56815	Glycerin								
120401	Lauramide DEA								
9004824	Sodium Laureth Sulfate								

III. Hazardous Identification:**Hazard Category:**

Acute Chronic Fire Pressure Reactive

Hazardous Identification Information:

Listed in Signs and Symptoms

IV. First Aid Measures:**Route(s) of Entry:**

Inhalation, Skin, Eye, Ingestion

Health Hazards (Acute and Chronic):

Skin Contact: Repeated or prolonged excessive exposure may cause irritation or dermatitis.

Signs and Symptoms:

Skin Contact: May cause irritation

Eye Contact: May cause moderate to severe irritation, with possibility of corneal injury

Ingestion: May cause gastrointestinal irritation with nausea, vomiting, and diarrhea.

Medical Conditions Generally Aggravated by Exposure:

Pre-existing skin conditions

Emergency and First Aid Procedures:

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Inhalation: Immediately remove from exposure area to fresh air. Keep affected person warm and at rest. Treat symptomatically and supportively. Contact physician or local poison control center. If breathing has stopped, give artificial respiration, and get medical attention immediately.

Skin Contact: Rinse affected area with plenty of water until no evidence of product remains. Get medical attention if irritation persists.

Eye Contact: Immediately rinse eyes with plenty of water, occasionally lifting upper and lower lids, until no evidence of product remains. GET MEDICAL ATTENTION if pain and irritation persist.

Ingestion: Treat symptomatically and supportively. Maintain airway and respiration. If vomiting occurs, keep head below hips to prevent aspiration. Dilution by rinsing the mouth and giving water or milk to drink is generally recommended. If unconscious, the victim should not be given anything to drink. Contact physician or local poison control center.

Other Health Warnings:

NONE KNOWN

V. Fire Fighting Measures:

Flash Point: NE

Lower Explosive Limit: NE

Upper Explosive Limit: NE

Fire Extinguishing Media: Dry chemical, carbon dioxide, water spray or regular foam. For larger fires, use water spray, fog or regular foam.

Special Fire Fighting Procedures:

Move container from fire area if you can do it without risk. Apply cooling water to sides of container that are exposed to flames until well after fire is out. Extinguish only if flow can be stopped; use flooding amounts of water as a fog, solid streams may be ineffective. Avoid breathing vapors, keep upwind.

Any self contained breathing apparatus that has a full face piece and is operated in a pressure-demand or other positive -pressure mode. Any supplied-air respirator that has a full facepiece and is operated in a pressure-demand or other positive-pressure mode in combination with an auxiliary self-contained breathing apparatus operated in pressure-demand or other positive-pressure mode.

Unusual Fire and Explosion:

Move container from fire area if you can do it without risk. Apply cooling water to sides of containers that are exposed to flames until well after fire is out. Extinguish only if flow can be stopped; use flooding amounts of water as a fog, solid streams may be ineffective. Avoid breathing, keep upwind.

VI. Accidental Release Measures:

Steps to be Taken in Case Material is Released or Spilled:

Occupational Spill: Stop leak if you can do it without risk. For small spills, take up with sand or other absorbent material and place into containers for later disposal. For larger spills, dike far ahead of spill for later disposal. Keep unnecessary people away; isolate hazard area and restrict entry.

VII. Handling and Storage:

Precautions to be Taken:

None Known

Other Precautions:

None Known

VIII. Exposure Controls/Personal Protection:

Ventilation Requirements:

Provide local exhaust or general dilution ventilation to keep exposure to airborne contaminants below the permissible exposure limits where mists or vapors may be generated.

Personal Protective Equipment:

Clothing: Protective clothing is required where repeated or prolonged skin contact may occur

Gloves: Chemical-resistant gloves are required where repeated or prolonged skin contact may occur.

Eye Protection: Safety glasses are required to prevent eye contact where splashing of product may occur.

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IX. Physical and Chemical Properties:

Boiling Point: >200F **Melting Point:** NA **Evaporation Rate:** NA
Vapor Pressure (mm Hg.): NA **Vapor Density (AIR = 1):** NA
Solubility In Water: Nearly Complete
Appearance and Odor: Clear gold liquid, pleasant scent
Other Information: None Known

X. Stability and Reactivity:

Stability:
Stable

Incompatibility (Materials to Avoid):
Strong oxidizers, acids, and peroxides

Decomposition/By Products:
Thermal decomposition may release toxic and/or hazardous gases, including oxides of carbon, sulfur, and nitrogen, ammonia.

Hazardous Polymerization:
Hazardous polymerization has not been reported to occur under normal temperatures and pressures.

XI. Toxicological Information:

None Known

XII. Ecological Information:

None Known

XIII. Disposal Considerations:

Store away from incompatible substances. Observe all federal, state, and local regulations when storing or disposing of this substance.

XIV. Transport Information:

None Known

XV. Regulatory Information:

DOT Flammability Classification: Not applicable
EPA SARA Title III Section 313: Toxic chemical- None

XVI. Other Information:

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