

## MATERIAL SAFETY DATA SHEETS

### SECTION 1 - PRODUCT AND COMPANY IDENTIFICATION

**Product Name:** Technical Concepts Lotion Hand Soap with Moisturizers

**Manufactured By:** Dial Corporation exclusively for Technical Concepts  
15101 North Scottsdale Road  
Scottsdale, Arizona 85254

**Distributed By:** Technical Concepts  
1301 Allanson Road  
Mundelein, Illinois 60060

**Medical Emergency Contact: 1-888-689-9082**  
Chemtrec: 1-800-424-9300

### SECTION 2 - COMPOSITION / INFORMATION ON INGREDIENTS

Hazardous components greater than 1.0% (0.1% if carcinogen or suspected carcinogen):

COMPONENTS	CAS#	OSHA-PEL	ACGIH-TLV	OTHER LIMITS	% BY WT
Ammonium Lauryl Sulfate	2235-54-3	-	-	-	Proprietary
Glycerin (mist)	56-81-5	-	-	-	Proprietary
5mg/m <sub>3</sub> 10mg/m <sub>3</sub>					
Lauramide Dea	120-40-1	-	-	-	Proprietary
Sodium Laureth Sulfate	9004-82-4	-	-	-	Proprietary

### SECTION 3 - HAZARDS IDENTIFICATION

**Potential Health Effects:**

Inhalation: Unlikely to occur due to the physical properties of the product  
Skin Contact: May cause irritation  
Eye: May cause Irritation  
Ingestion: May cause gastrointestinal irritation with nausea, vomiting and diarrhea

Sign/Systems of Overexposure: None Known

**Medical conditions generally recognized as being aggravating by exposure:** preexisting skin conditions

### SECTION 4 - FIRST AID MEASURES

**Eye:** Immediately rinse eyes with plenty of water, occasionally lifting upper and lower lids, until no evidence of product remains. Obtain medical attention if irritation persists.

**Skin:** Rinse affected area with plenty of water, Get medical attention if irritation persists.

**Inhalation:** Immediately remove from exposure to fresh air keep infected person warm and at rest, if breathing is difficult or labored, contact medical attention.

**Ingestion:** Treat symptomatically and supportively. Maintain airway and the 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.

## **SECTION 5 – REACTIVITY**

Reactivity- Stable under normal temperatures

INCOMPATIBILITIES: Strong oxidizers, acids, peroxides

DECOMPOSITIONS: Thermal decomposition may be released toxic /or hazardous gases, including ammonia

POLYMERIZATION: Hazardous polymerization has not been reported under normal temperature and pressures

## **SECTION 6 - ACCIDENTAL RELEASE MEASURES**

Contained small spills may be absorbed with non-reactive absorbent and place in suitable, covered, labeled containers. Prevent large spills from entering waterways or confined areas. Contact emergency services and suppliers for advice.

## **SECTION 7 - HANDLING AND STORAGE**

Store away from incompatible substances, observe all federal and local regulations when storing or disposing of the substance.

## **SECTION 8 - EXPOSURE CONTROLS/PERSONAL PROTECTION**

Gloves: Chemical resistant gloves are required where repeated or prolong skin contact may occur

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

Ventilation: Local: Provide local exhaust ventilation system to meet exposure limits, where mist or vapors are likely to be generated

FIRE FIGHTING AND OTHER IMMEDIATELY DANGEROUS TO LIFE OR HEALTH CONDITIONS: Any self contained breathing apparatus that has full face piece and is operated in a pressure-demand- or other positive –pressure mode.

## **SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES**

Specific Gravity: 1.016-1.020 @25°C

Vapor Pressure: N.E.

Solubility: Complete in water

Appearance/Odor: Opaque, white liquid with a pleasant, fragrant

Flashpoint: >3°C

LEL: N.E

UEL: N.E

Boiling Point: >200°F/33°C

Melting Point: N.E.

PH= (1% aqueous solution) 6.2-6.8 @25 °C

Viscosity: 4000-8000 cps@25°C (Brookfield LVF, spindle, #3,12 rpm)

## **SECTION 10 - TOXICOLOGY INFORMATION**

This product contains no products that are listed on the NTP, IRAC, or OSHA carcinogen list.

## **SECTION 11 - ECOLOGICAL INFORMATION**

This material unlikely to accumulate in the environment and the environmental problems under normal use of conditions are expected.

## **SECTION 12 - DISPOSAL CONSIDERATIONS**

Do not reuse empty containers. Discard empty containers in trash.

### SECTION 13 - TRANSPORTATION INFORMATION

STATUS	SHIPPING NAME	CLASS	ID#	Pkng Grp.
DOT (USA) IATA (AIR) IMDG (VESSEL) National Motor Freight Classification and LTL class: 57100 SUB 3-class60	Not Regulated Soap	N/A	N/A	N/A

### SECTION 14 - REGULATORY INFORMATION

**SARA TITLE III SECTION 313-** Not Applicable – Consumer Product.  
DOT Flammability Classification – Not Applicable  
TSCA: All Components of this product are listed or are exempted or excluded from listing on the Us Toxic Substances Control Act (TSCA) chemical substance inventory

<b>NFPA HAZARD RATINGS</b>	<b>FLAMMABILITY: 0</b>	<b>HEALTH: 1</b>	<b>REACTIVITY: 0</b>
<b>HMIS RATINGS</b>	<b>FLAMMABILITY: 0</b>	<b>HEALTH: 1</b>	<b>REACTIVITY: 0</b>

### SECTION 15 - OTHER INFORMATION

Product Sales Information: 800-551-5155  
MSDS Information: 847-837-4100  
MSDS in compliance with ANSI Z400.1-1998-16- section MSDS format: 6/21/2004  
Dial Corporation Revision 4/19/2004, supersedes: 6/15/98, MSDS Creation date 5/20/1996  
Revised from original: 8/09/2004 revision 2: updated trade name and health hazard data, as well as regulatory information

N/A= Not Applicable      N.E.= Not Established      MSDS prepared by: L. Fields

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