



# Safety Data Sheet

## CENTRAL SOLUTIONS, INC.

Issue Date 15-Jul-2013

Revision Date: 24-Dec-2013

Version 2

### 1. IDENTIFICATION

**Product Identifier**

**Product Name** DermaCen Lotionized Hand Soap

**Other means of identification**

**SDS #** 14020-1213

**Other Information**

Reference: RD16-99B. Reorder Numbers: 8.5 oz.: DERM14022; Gallon: DERM14021; 1000 ML: DERM14026-1000; 1250 ML: DERM14026-1250.

**Recommended use of the chemical and restrictions on use**

**Recommended Use** A lightly scented hand cleanser formulated with mild surfactants and aloe vera.

**Details of the supplier of the safety data sheet**

**Manufacturer Address**

Central Solutions, Inc.  
401 Funston Rd.  
Kansas City, KS 66115

**Emergency Telephone Number**

**Company Phone Number** 800-255-0262 (M-F 8AM to 5PM, CST)  
**Emergency Telephone (24 hr)** INFOTRAC 1-352-323-3500 (International)  
1-800-535-5053 (North America)

### 2. HAZARDS IDENTIFICATION

**Classification**

This chemical does not meet the hazardous criteria set forth by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200). However, this Safety Data Sheet (SDS) contains valuable information critical to the safe handling and proper use of this product. This SDS should be retained and available for employees and other users of this product.

**Appearance** Ivory pearlescent viscous liquid

**Physical State** Liquid

**Odor** Mild floral

**Other Hazards**

Harmful to aquatic life with long lasting effects  
Harmful to aquatic life

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

This product is not hazardous according to OSHA 29 CFR 1910.1200. Components not listed are not hazardous or are below reportable limits.

**4. FIRST-AID MEASURES**

**First Aid Measures**

|                     |  |
|---------------------|--|
| <b>Eye Contact</b>  | Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes.       |
| <b>Skin Contact</b> | This product is a hand cleaner, rinse product off with water after use.                        |
| <b>Inhalation</b>   | Remove to fresh air.   |
| <b>Ingestion</b>    | Dilute by giving a large amount of water. Allow vomiting to occur, then get medical attention. |

**Most important symptoms and effects**

|                 |  |
|-----------------|--|
| <b>Symptoms</b> | May cause mild eye irritation. May cause gastrointestinal disturbance. |
|-----------------|--|

**Indication of any immediate medical attention and special treatment needed**

|                           |                        |
|---------------------------|------------------------|
| <b>Notes to Physician</b> | Treat symptomatically. |
|---------------------------|------------------------|

**5. FIRE-FIGHTING MEASURES**

**Suitable Extinguishing Media**

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

**Unsuitable Extinguishing Media** Not determined.

**Specific Hazards Arising from the Chemical**

Non-flammable.

**Protective equipment and precautions for firefighters**

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

**6. ACCIDENTAL RELEASE MEASURES**

**Personal precautions, protective equipment and emergency procedures**

|                             |  |
|-----------------------------|--|
| <b>Personal Precautions</b> | Use personal protective equipment as required. |
|-----------------------------|--|

**Methods and material for containment and cleaning up**

|                                |  |
|--------------------------------|--|
| <b>Methods for Containment</b> | Prevent further leakage or spillage if safe to do so.  |
| <b>Methods for Clean-Up</b>    | Small spills (less than 1 gallon) may be washed down a drain with lots of water or cleaned up and disposed of into a sanitary sewer system.<br>Large spills (more than 1 gallon) should be contained and collected (by absorption [sand, clay, or other absorbent material] or vacuuming) then disposed of properly. |

**7. HANDLING AND STORAGE**

**Precautions for safe handling**

**Advice on Safe Handling** Handle in accordance with good industrial hygiene and safety practice.

**Conditions for safe storage, including any incompatibilities**

**Storage Conditions** Keep containers tightly closed in a dry, cool and well-ventilated place. Do not contaminate food or feed stuffs. Do not reuse container. Keep out of the reach of children.

**Incompatible Materials** None known.

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

**Exposure Guidelines** No exposure limits noted for ingredient(s)

**Appropriate engineering controls**

**Engineering Controls** None under normal use conditions.

**Individual protection measures, such as personal protective equipment**

**Eye/Face Protection** Avoid contact with eyes.

**Skin and Body Protection** No special technical protective measures are necessary.

**Respiratory Protection** No protective equipment is needed under normal use conditions.

**General Hygiene Considerations** Do not get in eyes. Keep away from food and drink.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

**Information on basic physical and chemical properties**

|                       |                                  |                       |                |
|-----------------------|----------------------------------|-----------------------|----------------|
| <b>Physical State</b> | Liquid                           | <b>Odor</b>           | Mild floral    |
| <b>Appearance</b>     | Ivory pearlescent viscous liquid | <b>Odor Threshold</b> | Not determined |
| <b>Color</b>          | Ivory white                      |                       |                |

| <u>Property</u>                     | <u>Values</u>          | <u>Remarks • Method</u> |
|-------------------------------------|------------------------|-------------------------|
| <b>pH</b>                           | 5.5-6.5 (ready to use) |                         |
| <b>Melting Point/Freezing Point</b> | Not established        |                         |
| <b>Boiling Point/Boiling Range</b>  | 100 °C / 212 °F        |                         |
| <b>Flash Point</b>                  | Not flammable          |                         |
| <b>Evaporation Rate</b>             | Not established        |                         |
| <b>Flammability (Solid, Gas)</b>    | n/a-liquid             |                         |
| <b>Upper Flammability Limits</b>    | Not applicable         |                         |
| <b>Lower Flammability Limit</b>     | Not applicable         |                         |
| <b>Vapor Pressure</b>               | Not established        |                         |
| <b>Vapor Density</b>                | Not established        |                         |
| <b>Specific Gravity</b>             | 1.00 – 1.04            |                         |
| <b>Water Solubility</b>             | Completely soluble     |                         |
| <b>Solubility in other solvents</b> | Not determined         |                         |
| <b>Partition Coefficient</b>        | Not determined         |                         |
| <b>Autoignition Temperature</b>     | Not determined         |                         |
| <b>Decomposition Temperature</b>    | Not determined         |                         |
| <b>Kinematic Viscosity</b>          | Not determined         |                         |
| <b>Dynamic Viscosity</b>            | 1500-2500 cps          |                         |
| <b>Property</b>                     | <b>Values</b>          | <b>Remarks • Method</b> |

|                             |                  |
|-----------------------------|------------------|
| <b>Explosive Properties</b> | Not determined   |
| <b>Oxidizing Properties</b> | Not determined   |
| <b>Density</b>              | 8.33-8.63 lb/gal |

## 10. STABILITY AND REACTIVITY

### Reactivity

Not reactive under normal conditions.

### Chemical Stability

Stable under recommended storage conditions.

### Possibility of Hazardous Reactions

None under normal processing.

**Hazardous Polymerization**      Hazardous polymerization does not occur.

### Conditions to Avoid

Keep out of reach of children.

### Incompatible Materials

None known.

### Hazardous Decomposition Products

None known.

## 11. TOXICOLOGICAL INFORMATION

### Information on likely routes of exposure

#### Product Information

|                     |  |
|---------------------|--|
| <b>Eye Contact</b>  | Avoid contact with eyes.   |
| <b>Skin Contact</b> | Not expected to be a skin irritant during prescribed use.  |
| <b>Inhalation</b>   | Under normal conditions of intended use, this material is not expected to be an inhalation hazard. |
| <b>Ingestion</b>    | Do not taste or swallow.   |

### Component Information

| Chemical Name                        | Oral LD50            | Dermal LD50 | Inhalation LC50 |
|--------------------------------------|----------------------|-------------|-----------------|
| Cocamidopropyl betaine<br>61789-40-0 | = 4900 mg/kg ( Rat ) | -           | -               |

### Information on physical, chemical and toxicological effects

**Symptoms**      Please see section 4 of this SDS for symptoms.

### Delayed and immediate effects as well as chronic effects from short and long-term exposure

**Carcinogenicity**      This product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC or NTP.

### Numerical measures of toxicity

Not determined

## 12. ECOLOGICAL INFORMATION

### Ecotoxicity

Harmful to aquatic life. Harmful to aquatic life with long lasting effects.

| Chemical Name                        | Algae/aquatic plants  | Fish  | Toxicity to microorganisms | Crustacea                            |
|--------------------------------------|---|---|----------------------------|--------------------------------------|
| Cocamidopropyl betaine<br>61789-40-0 | 1.0 - 10.0: 72 h<br>Desmodesmus subspicatus<br>mg/L EC50 0.55: 96 h<br>Desmodesmus subspicatus<br>mg/L EC50 | 1.0 - 10.0: 96 h Brachydanio<br>rerio mg/L LC50 2: 96 h<br>Brachydanio rerio mg/L<br>LC50 semi-static |                            | 6.5: 48 h Daphnia magna<br>mg/L EC50 |

### Persistence/Degradability

Not determined

### Bioaccumulation

Not determined

### Mobility

Not determined

### Other Adverse Effects

Not determined

## 13. DISPOSAL CONSIDERATIONS

### Waste Treatment Methods

#### **Disposal of Wastes**

Disposal should be in accordance with applicable regional, national and local laws and regulations.

#### **Contaminated Packaging**

Disposal should be in accordance with applicable regional, national and local laws and regulations.

## 14. TRANSPORT INFORMATION

### Note

Please see current shipping paper for most up to date shipping information, including exemptions and special circumstances.

### DOT

Not regulated

### IATA

Not regulated

### IMDG

Not regulated

**15. REGULATORY INFORMATION**

**International Inventories**

Not determined

**US Federal Regulations**

**SARA 313**

Not determined

**US State Regulations**

**U.S. State Right-to-Know Regulations**

Not determined

**16. OTHER INFORMATION**

**NFPA**

**Health Hazards**

**Flammability**

**Instability**

**Special Hazards**

Not determined

Not determined

Not determined

Not determined

**HMIS**

**Health Hazards**

**Flammability**

**Physical Hazards**

**Personal Protection**

0

0

0

0

**Issue Date**

15-Jul-2013

**Revision Date:**

24-Dec-2013

**Revision Note**

New format

**Disclaimer**

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

**End of Safety Data Sheet**