

Issue Date: 04-Mar-2009

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Version 1

## 1. IDENTIFICATION

### Product Identifier

**Product Name** Golden Lotion Dishwashing Detergent

### Other means of identification

**SDS #** WC-014  
**Product Code** #73

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

**Recommended Use** Detergent/hand cleaner.

### Details of the supplier of the safety data sheet

#### Supplier Address

Wepak Corporation  
314 W. Bland St.  
Charlotte, NC 28203

### Emergency Telephone Number

**Company Phone Number** 1-800-438-4270  
**Emergency Telephone (24 hr)** 1-800-438-4270

### Product Distributed by:



**1-800-882-1003 • 828-369-7584**

**Franklin, NC**

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## 2. HAZARDS IDENTIFICATION

**Appearance** Thick yellow liquid

**Physical State** Liquid

**Odor** Lemon fragrance

### 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.

### Other Hazards

Toxic to aquatic life with long lasting effects

### Unknown Acute Toxicity

17.4% of the mixture consists of ingredient(s) of unknown toxicity

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

| Chemical Name          | CAS No     | Weight-%    |
|------------------------|------------|-------------|
| Sodium lauryl sulfate  | 151-21-3   | Proprietary |
| Cocamidopropyl betaine | 61789-40-0 | Proprietary |

\*\*If Chemical Name/CAS No is "proprietary" and/or Weight-% is listed as a range, the specific chemical identity and/or percentage of composition has been withheld as a trade secret.\*\*

#### 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. If eye irritation persists: Get medical advice/attention. |
| <b>Skin Contact</b> | Wash off immediately with plenty of water for at least 15 minutes.   |
| <b>Inhalation</b>   | Remove to fresh air.   |
| <b>Ingestion</b>    | Clean mouth with water and drink afterwards plenty of water.   |

##### Most important symptoms and effects

|                 |  |
|-----------------|--|
| <b>Symptoms</b> | Direct contact with eyes may cause temporary irritation. |
|-----------------|--|

##### 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 solution.

##### 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>    | Soak up with inert absorbent material. Place in appropriate containers for disposal. |

#### 7. HANDLING AND STORAGE

##### Precautions for safe handling

|                                |  |
|--------------------------------|--|
| <b>Advice on Safe Handling</b> | Handle in accordance with good industrial hygiene and safety practice. |
|--------------------------------|--|

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

|                               |  |
|-------------------------------|--|
| <b>Storage Conditions</b>     | Keep containers tightly closed in a dry, cool and well-ventilated place. |
| <b>Incompatible Materials</b> | None known based on information supplied.                                |

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Exposure Guidelines

| Chemical Name                   | ACGIH TLV   | OSHA PEL   | NIOSH IDLH  |
|---------------------------------|---|--|---|
| Ammonium chloride<br>12125-02-9 | STEL: 20 mg/m <sup>3</sup> fume<br>TWA: 10 mg/m <sup>3</sup> fume | (vacated) TWA: 10 mg/m <sup>3</sup> fume<br>(vacated) STEL: 20 mg/m <sup>3</sup> fume  | TWA: 10 mg/m <sup>3</sup> fume<br>STEL: 20 mg/m <sup>3</sup> fume |
| Glycerol<br>56-81-5             | -   | TWA: 15 mg/m <sup>3</sup> mist, total particulate<br>TWA: 5 mg/m <sup>3</sup> mist, respirable fraction<br>(vacated) TWA: 10 mg/m <sup>3</sup> mist, total particulate<br>(vacated) TWA: 5 mg/m <sup>3</sup> mist, respirable fraction | -   |

### Appropriate engineering controls

**Engineering Controls** Local exhaust ventilation recommended.

### 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** Ensure adequate ventilation, especially in confined areas.

**General Hygiene Considerations** Handle in accordance with good industrial hygiene and safety practice.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### Information on basic physical and chemical properties

|                              |                      |                                |                 |
|------------------------------|----------------------|--------------------------------|-----------------|
| <b>Physical State</b>        | Liquid               | <b>Odor</b>                    | Lemon fragrance |
| <b>Appearance</b>            | Thick Yellow liquid  | <b>Odor Threshold</b>          | Not determined  |
| <b>Color</b>                 | Yellow               |                                |                 |
| <b><u>Property</u></b>       | <b><u>Values</u></b> | <b><u>Remarks • Method</u></b> |                 |
| pH                           | 6.5                  |                                |                 |
| Melting Point/Freezing Point | Not available        |                                |                 |
| Boiling Point/Boiling Range  | Not available        |                                |                 |
| Flash Point                  | None                 |                                |                 |
| Evaporation Rate             | Not available        |                                |                 |
| Flammability (Solid, Gas)    | n/a-liquid           |                                |                 |
| Upper Flammability Limits    | None                 |                                |                 |
| Lower Flammability Limit     | None                 |                                |                 |
| Vapor Pressure               | Not determined       |                                |                 |
| Vapor Density                | Not available        |                                |                 |
| Specific Gravity             | 1.03                 | (1=Water)                      |                 |
| Water Solubility             | Completely soluble   |                                |                 |
| Solubility in other solvents | Not determined       |                                |                 |
| Partition Coefficient        | Not determined       |                                |                 |
| Auto-ignition Temperature    | Not determined       |                                |                 |
| Decomposition Temperature    | Not determined       |                                |                 |
| Kinematic Viscosity          | Not determined       |                                |                 |
| Dynamic Viscosity            | Not determined       |                                |                 |
| Explosive Properties         | Not determined       |                                |                 |
| Oxidizing Properties         | Not determined       |                                |                 |

## 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.

### Conditions to Avoid

Keep out of reach of children.

### Incompatible Materials

None known based on information supplied.

### Hazardous Decomposition Products

None known based on information supplied.

## 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>   | Avoid breathing vapors or mists.                          |
| <b>Ingestion</b>    | Do not taste or swallow.                                  |

### Component Information

| Chemical Name                        | Oral LD50             | Dermal LD50            | Inhalation LC50                      |
|--------------------------------------|-----------------------|------------------------|--------------------------------------|
| Sodium lauryl sulfate<br>151-21-3    | = 1288 mg/kg ( Rat )  | = 580 mg/kg ( Rabbit ) | > 3900 mg/m <sup>3</sup> ( Rat ) 1 h |
| Cocamidopropyl betaine<br>61789-40-0 | = 4900 mg/kg ( Rat )  | -                      | -                                    |
| Ammonium chloride<br>12125-02-9      | = 1410 mg/kg ( Rat )  | -                      | -                                    |
| Glycerol<br>56-81-5                  | = 12600 mg/kg ( Rat ) | > 10 g/kg ( Rabbit )   | > 570 mg/m <sup>3</sup> ( Rat ) 1 h  |

### Information on physical, chemical and toxicological effects

|                 |  |
|-----------------|--|
| <b>Symptoms</b> | Please see section 4 of this SDS for symptoms. |
|-----------------|--|

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

|                        |  |
|------------------------|--|
| <b>Carcinogenicity</b> | This product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC or NTP. |
|------------------------|--|

### Numerical measures of toxicity

Not determined

|                               |   |
|-------------------------------|---|
| <b>Unknown Acute Toxicity</b> | 17.4% of the mixture consists of ingredient(s) of unknown toxicity. |
|-------------------------------|---|

## 12. ECOLOGICAL INFORMATION

### Ecotoxicity

Toxic to aquatic life with long lasting effects.

| Chemical Name                        | Algae/aquatic plants   | Fish  | Toxicity to microorganisms | Crustacea                                |
|--------------------------------------|--|---|----------------------------|--|
| Sodium lauryl sulfate<br>151-21-3    | 53: 72 h <i>Desmodesmus subspicatus</i> mg/L EC50 30 - 100: 96 h <i>Desmodesmus subspicatus</i> mg/L EC50 117: 96 h <i>Pseudokirchneriella subcapitata</i> mg/L EC50 3.59 - 15.6: 96 h <i>Pseudokirchneriella subcapitata</i> mg/L EC50 static | 8 - 12.5: 96 h <i>Pimephales promelas</i> mg/L LC50 static 15 - 18.9: 96 h <i>Pimephales promelas</i> mg/L LC50 static 22.1 - 22.8: 96 h <i>Pimephales promelas</i> mg/L LC50 static 4.3 - 8.5: 96 h <i>Oncorhynchus mykiss</i> mg/L LC50 static 4.62: 96 h <i>Oncorhynchus mykiss</i> mg/L LC50 flow-through 4.2: 96 h <i>Oncorhynchus mykiss</i> mg/L LC50 7.97: 96 h <i>Brachydanio rerio</i> mg/L LC50 flow-through 9.9 - 20.1: 96 h <i>Brachydanio rerio</i> mg/L LC50 semi-static 4.06 - 5.75: 96 h <i>Lepomis macrochirus</i> mg/L LC50 static 4.2 - 4.8: 96 h <i>Lepomis macrochirus</i> mg/L LC50 flow-through 4.5: 96 h <i>Lepomis macrochirus</i> mg/L LC50 5.8 - 7.5: 96 h <i>Pimephales promelas</i> mg/L LC50 static 10.2 - 22.5: 96 h <i>Pimephales promelas</i> mg/L LC50 semi-static 6.2 - 9.6: 96 h <i>Pimephales promelas</i> mg/L LC50 13.5 - 18.3: 96 h <i>Poecilia reticulata</i> mg/L LC50 semi-static 10.8 - 16.6: 96 h <i>Poecilia reticulata</i> mg/L LC50 static 1.31: 96 h <i>Cyprinus carpio</i> mg/L LC50 semi-static |                            | 1.8: 48 h <i>Daphnia magna</i> mg/L EC50 |
| Cocamidopropyl betaine<br>61789-40-0 | 1.0 - 10.0: 72 h <i>Desmodesmus subspicatus</i> mg/L EC50 0.55: 96 h <i>Desmodesmus subspicatus</i> mg/L EC50  | 1.0 - 10.0: 96 h <i>Brachydanio rerio</i> mg/L LC50 2: 96 h <i>Brachydanio rerio</i> mg/L LC50 semi-static  |                            | 6.5: 48 h <i>Daphnia magna</i> mg/L EC50 |
| Ammonium chloride<br>12125-02-9      |  | 725: 24 h <i>Lepomis macrochirus</i> mg/L LC50 209: 96 h <i>Cyprinus carpio</i> mg/L LC50 static  |                            | 202: 24 h <i>Daphnia magna</i> mg/L LC50 |
| Glycerol<br>56-81-5                  |  | 51 - 57: 96 h <i>Oncorhynchus mykiss</i> mL/L LC50 static   |                            |  |

### Persistence/Degradability

Not determined.

### Bioaccumulation

Not determined.

### Mobility

| Chemical Name                     | Partition Coefficient |
|-----------------------------------|-----------------------|
| Sodium lauryl sulfate<br>151-21-3 | 1.6                   |

### 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

##### **Marine Pollutant**

This material may meet the definition of a marine pollutant

### 15. REGULATORY INFORMATION

#### International Inventories

Not determined

#### US Federal Regulations

#### SARA 313

| Chemical Name                  | CAS No     | Weight-% | SARA 313 - Threshold Values % |
|--------------------------------|------------|----------|-------------------------------|
| Ammonium chloride - 12125-02-9 | 12125-02-9 | 0.6      | 1.0                           |

#### US State Regulations

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

| Chemical Name                   | New Jersey | Massachusetts | Pennsylvania |
|---------------------------------|------------|---------------|--------------|
| Ammonium chloride<br>12125-02-9 | X          | X             | X            |
| Glycerol<br>56-81-5             | X          | X             | X            |

**16. OTHER INFORMATION****NFPA****Health Hazards****Flammability****Instability****Special Hazards****HMIS**

Not determined

Not determined

Not determined

Not determined

**Health Hazards****Flammability****Physical Hazards****Personal Protection**

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0

0

Not determined

**Issue Date:** 04-Mar-2009**Revision Date:** 10-Dec-2013**Revision Note:** New format**Disclaimer**

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**End of Safety Data Sheet**