1. Product and Company Identification

Product Name: LiceMD® Complete Kit - Shampoo

Manufacturer: Reckitt Benckiser
Morris Corporate Center IV
399 Interpace Parkway
P.O. Box 225
Parsippany, NJ 07054-0225

In Case of Emergency: 1-800-338-6167
Transportation Emergencies: 24 Hour Number:
North America: CHEMTREC: 1-800-424-9300
Outside North America: 1-703-527-3887

LEGEND

<table>
<thead>
<tr>
<th>HMIS/NFPA</th>
<th>Health</th>
<th>Flammability</th>
<th>Physical Hazard</th>
<th>Personal Protection</th>
</tr>
</thead>
<tbody>
<tr>
<td>Severe</td>
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<td>0</td>
<td>0</td>
<td></td>
</tr>
<tr>
<td>Serious</td>
<td>3</td>
<td>0</td>
<td>0</td>
<td></td>
</tr>
<tr>
<td>Moderate</td>
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<td>0</td>
<td>0</td>
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<tr>
<td>Slight</td>
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<td>0</td>
<td>0</td>
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</tr>
<tr>
<td>Minimal</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td></td>
</tr>
</tbody>
</table>

This MSDS is designed for workplace employees, emergency personnel and for other conditions and situations where there is a greater potential for large-scale or prolonged exposure, in accordance with requirements of the U.S. Government's Occupational Safety and Health Administration (OSHA).

This MSDS is not applicable for consumer use of our products. For consumer use, all precautionary and first aid language is provided on the product label in accordance with the applicable government regulation.

Product Use: Shampoo

2. Hazards Identification

Emergency overview
This product is regulated by the Food, Drug and Cosmetic Act.

For external use only.
Avoid contact with eyes.
If contact occurs, rinse thoroughly with water.

KEEP OUT OF REACH OF CHILDREN.

Potential short term health effects

Routes of exposure
Eye, Skin contact, Inhalation, Ingestion.

Eyes
Avoid contact with eyes.
May cause eye irritation upon direct contact with the eyes.

Skin
None expected during normal conditions of use.
Not expected to be a skin sensitizer.

ACGIH - Threshold Limit Values - Skin Notations
Diethanolamine 111-42-2 Skin - potential significant contribution to overall exposure by the cutaneous route

Inhalation
Health injuries are not known or expected under normal use.

Ingestion
Health injuries are not known or expected under normal use.

Target organs
Eyes. Skin.

Chronic effects
The finished product is not expected to have chronic health effects.

OSHA Regulatory Status
This product is in compliance with Title 21 of the Code of Federal Regulations, Part 701 and 740.

Potential environmental effects
See section 12.
3. Composition / Information on Ingredients

<table>
<thead>
<tr>
<th>Ingredient(s)</th>
<th>CAS #</th>
<th>Percent</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cocamide DEA</td>
<td>68603-42-9</td>
<td>2.5 - 10</td>
</tr>
<tr>
<td>Cocamidopropyl betaine</td>
<td>61789-40-0</td>
<td>2.5 - 10</td>
</tr>
<tr>
<td>Sodium Laureth Sulfate</td>
<td>68585-34-2</td>
<td>2.5 - 10</td>
</tr>
<tr>
<td>Diethanolamine</td>
<td>111-42-2</td>
<td>0.1 - 1</td>
</tr>
</tbody>
</table>

4. First Aid Measures

First aid procedures

**Eye contact**
If product gets in eyes, flush with water right away. Remove any contact lenses and continue to rinse with water. Obtain medical attention if irritation develops or persists.

**Skin contact**
Stop use and consult your doctor if skin irritation or infection is present or develops, or if infestation of eyebrows or eyelashes occurs.

**Inhalation**
Remove to fresh air if inhalation causes eye watering, headaches, dizziness or other discomfort.

**Ingestion**
If swallowed, get medical help or contact a poison control center right away. If swallowed in quantity DO NOT INDUCE VOMITING! Wash out mouth with water. Seek medical advice.

Notes to physician
Treat patient symptomatically.

General advice
If you feel unwell, seek medical advice (show the label where possible). Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Show this safety data sheet to the doctor in attendance. Avoid contact with eyes. Keep out of reach of children.

5. Fire Fighting Measures

Flammable properties
Not flammable by OSHA criteria.

Extinguishing media

**Suitable extinguishing media**

**Unsuitable extinguishing media**
Not available

Protection of firefighters

**Specific hazards arising from the chemical**
Not available

**Protective equipment for firefighters**
Firefighters should wear full protective clothing including self contained breathing apparatus.

Hazardous combustion products
May include and are not limited to: Oxides of carbon.

Explosion data

**Sensitivity to mechanical impact**
Not available

**Sensitivity to static discharge**
Not available

6. Accidental Release Measures

Personal precautions
Do not touch or walk through spilled material. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Floors may become slippery. Keep unnecessary personnel away.

Environmental precautions
Do not discharge into lakes, streams, ponds or public waters. Advise authorities if product has penetrated drains, sewers or water pipes.

Methods for containment
Stop leak if you can do so without risk. Prevent entry into waterways, sewers, basements or confined areas.

Methods for cleaning up
Before attempting clean up, refer to hazard data given above. Small spills may be absorbed with non-reactive absorbent and placed in suitable, covered, labelled containers. Prevent large spills from entering sewers or waterways. Contact emergency services and supplier for advice. Never return spills to original containers for re-use.
7. Handling and Storage

Handling
- Ensure adequate ventilation.
- For external use only.
- Avoid contact with eyes.
- Do not ingest.
- When using do not eat or drink.
- Keep carton for important product information.

Storage
- Keep out of reach of children.
- Store between 20°C and 25°C (68°F-77°F).
- Avoid excessive heat.
- Keep from freezing.
- Keep in original container.
- Keep in cool, dry, ventilated storage.

8. Exposure Controls / Personal Protection

Exposure limits

<table>
<thead>
<tr>
<th>Ingredient(s)</th>
<th>Expiration Limitation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cocamide DEA</td>
<td>ACGIH-TLV Not established</td>
</tr>
<tr>
<td></td>
<td>OSHA-PEL Not established</td>
</tr>
<tr>
<td>Cocamidopropyl betaine</td>
<td>ACGIH-TLV Not established</td>
</tr>
<tr>
<td></td>
<td>OSHA-PEL Not established</td>
</tr>
<tr>
<td>Diethanolamine</td>
<td>ACGIH-TLV TWA: 1 mg/m³ Skin: 2 mg/m³</td>
</tr>
<tr>
<td></td>
<td>OSHA-PEL TWA: 3 ppm</td>
</tr>
<tr>
<td>Sodium Laureth Sulfate</td>
<td>ACGIH-TLV Not established</td>
</tr>
<tr>
<td></td>
<td>OSHA-PEL Not established</td>
</tr>
</tbody>
</table>

Engineering controls
- Not normally required if good ventilation is maintained.

Personal protective equipment
- Consult the product label for special protection or precautions that have been identified for using this product under directed consumer use conditions. The following recommendations are given for workplace employees, emergency personnel and for other conditions and situations where there is a greater potential for large-scale or prolonged exposure.

Eye / face protection
- Avoid contact with eyes.
- Not normally required under normal use conditions.

Hand protection
- Not required.

Skin and body protection
- No special requirements under normal use conditions.

Respiratory protection
- Not normally required under normal use conditions.

General hygiene considerations
- Avoid contact with eyes.
- Handle in accordance with good industrial hygiene and safety practice.
- When using do not eat or drink.

9. Physical and Chemical Properties

<table>
<thead>
<tr>
<th>Appearance</th>
<th>Clear</th>
</tr>
</thead>
<tbody>
<tr>
<td>Color</td>
<td>Translucent</td>
</tr>
<tr>
<td>Form</td>
<td>Liquid</td>
</tr>
</tbody>
</table>
Odor: Citrus
Odor threshold: Not available
Physical state: Liquid
pH: 5.0 - 6.0
Freezing point: Not available
Boiling point: Not available
Pour point: Not available
Evaporation rate: Not available
Flash point: > 214 °F (> 101.11 °C) Tag Closed Cup
Auto-ignition temperature: Not available
Flammability limits in air, lower, % by volume: Not available
Flammability limits in air, upper, % by volume: Not available
Vapor pressure: Not available
Vapor density: Not available
Specific gravity: 1.000
Octanol/water coefficient: Not available
Solubility (H2O): Soluble
VOC (Weight %): Not available
Viscosity: Slightly thick
Percent volatile: Not available

10. Stability and Reactivity

Reactivity: This product may react with strong oxidizing agents.
Possibility of hazardous reactions: Hazardous polymerization does not occur.
Chemical stability: Stable under recommended storage conditions.
Conditions to avoid: Do not mix with other chemicals.
Excessive heat.
Temperatures below 5°C and >40°C.
Keep from freezing.

Hazardous decomposition products: May include and are not limited to: Oxides of carbon.

11. Toxicological Information

Component analysis - LC50
Ingredient(s) LC50
Cocamide DEA Not available
Cocamidopropyl betaine Not available
Diethanolamine Not available
Sodium Laureth Sulfate Not available

Component analysis - Oral LD50
Ingredient(s) LD50
Cocamide DEA 2700 mg/kg rat
Cocamidopropyl betaine 2700 mg/kg rat
Diethanolamine 710 mg/kg rat
Sodium Laureth Sulfate 1700 mg/kg rat

Effects of acute exposure
Eye: Avoid contact with eyes.
May cause eye irritation upon direct contact with the eyes.
Skin
- None expected during normal conditions of use.
- Not expected to be a skin sensitizer.

**ACGIH - Threshold Limit Values - Skin Notations**

**Diethanolamine**
- 111-42-2
- Skin - potential significant contribution to overall exposure by the cutaneous route

**Inhalation**
- Health injuries are not known or expected under normal use.

**Ingestion**
- Health injuries are not known or expected under normal use.

**Sensitisation**
- The finished product is not expected to have chronic health effects.

**Chronic effects**
- The finished product is not expected to have chronic health effects.

**Carcinogenicity**
- The finished product is not expected to have chronic health effects.

**Mutagenicity**
- The finished product is not expected to have chronic health effects.

**Reproductive effects**
- The finished product is not expected to have chronic health effects.

**Teratogenicity**
- The finished product is not expected to have chronic health effects.

**Name of Toxicologically Synergistic Products**
- Not available

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**12. Ecological Information**

**Ecotoxicity - See below**

**Ecotoxicity - Freshwater Algae - Acute Toxicity Data**
- Cocamidopropyl betaine: 61789-40-0
- Diethanolamine: 111-42-2

**Ecotoxicity - Freshwater Fish - Acute Toxicity Data**
- Cocamide DEA: 68603-42-9
- Cocamidopropyl betaine: 61789-40-0
- Diethanolamine: 111-42-2

**Ecotoxicity - Water Flea - Acute Toxicity Data**
- Cocamide DEA: 68603-42-9
- Cocamidopropyl betaine: 61789-40-0
- Diethanolamine: 111-42-2

**Persistence / degradability**
- Not available

**Bioaccumulation / accumulation**
- Not available

**Mobility in environmental media**
- Not available

**Environmental effects**
- Not available

**Aquatic toxicity**
- Not available

**Partition coefficient**
- Not available

**Chemical fate information**
- Not available

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**13. Disposal Considerations**

**Disposal instructions**
- Review federal, state and local government requirements prior to disposal.
- Empty container can be disposed of as household trash or rinsed and recycled.
- Do not dispose of large quantities down the drain.

**Waste from residues / unused products**
- Not available

**Contaminated packaging**
- Not available
### 14. Transport Information

<table>
<thead>
<tr>
<th>UN/ID N.o.</th>
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<tr>
<td><strong>U.S. Department of Transportation (DOT): Classification</strong></td>
<td>Not regulated</td>
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<tr>
<td>Proper shipping name</td>
<td>Not applicable</td>
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<tr>
<td>U.S. DOT Hazard Class</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Subsidiary Risk</td>
<td>Not applicable</td>
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<tr>
<td>Packing group</td>
<td>Not applicable</td>
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<tr>
<td>DOT RQ (lbs)</td>
<td>Not applicable</td>
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<tr>
<td>ERG NO</td>
<td>Not applicable</td>
</tr>
</tbody>
</table>

| **Transportation of Dangerous Goods (TDG - Canada): Classification** | Not regulated |
| Proper shipping name | Not applicable |
| Status | Not applicable |
| Packing group | Not applicable |

| **IMDG (Marine Transport): Classification** | Not regulated |
| Proper shipping name | Not applicable |
| Class | Not applicable |
| Subsidiary Risk | Not applicable |
| Packing group | Not applicable |
| IMDG Page | Not applicable |
| Marine pollutant | Not applicable |
| EMS | Not applicable |
| MFAG | Not applicable |
| Maximum Quantity | Not applicable |

| **IATA/ICAO (Air): Classification** | Not regulated |
| Proper shipping name | Not applicable |
| Class | Not applicable |
| Subsidiary Risk | Not applicable |
| Packing group | Not applicable |
| Maximum Quantity | Not applicable |
### 15. Regulatory Information

**Occupational Safety and Health Administration (OSHA)**

| 29 CFR 1910.1200 hazardous chemical | No |

**US Federal regulations**

This product is in compliance with Title 21 of the Code of Federal Regulations, Part 701 and 740.

All components of this product are either on the TSCA Inventory, or are exempt from TSCA Inventory.

**U.S. - CAA (Clean Air Act) - 1990 Hazardous Air Pollutants**
- Diethanolamine 111-42-2 Present

**U.S. - CAA (Clean Air Act) - HON Rule - Organic HAPs**
- Diethanolamine 111-42-2 Present

**U.S. - CAA (Clean Air Act) - HON Rule - SOCMI Chemicals**
- Diethanolamine 111-42-2 Group I

**U.S. - CAA (Clean Air Act) - Reactivity Factors for VOCs in Aerosol Coatings**
- Diethanolamine 111-42-2 4.05 G Ozone/g VOC Reactivity Factor

**U.S. - CERCLA/SARA - Hazardous Substances and their Reportable Quantities**
- Diethanolamine 111-42-2 100 Lb final RQ; 45.4 kg final RQ

**U.S. - CERCLA/SARA - Section 313 - Emission Reporting**
- Diethanolamine 111-42-2 1.0 % de minimis concentration

**CERCLA (Superfund) reportable quantity**

- Sodium hydroxide: 1000.0000
- Ethanol, 2,2''-iminobis-: 100.0000

**Superfund Amendments and Reauthorization Act of 1986 (SARA)**

**Hazard categories**
- Immediate Hazard - No
- Delayed Hazard - No
- Fire Hazard - No
- Pressure Hazard - No
- Reactivity Hazard - No

**Section 302 extremely hazardous substance**
- No

**Section 311 hazardous chemical**
- No

**Clean Water Act (CWA)**
- Not available
State regulations

This product is not subject to warning labeling under the California Proposition 65 regulation.

U.S. - California - 8 CCR Section 339 - Director's List of Hazardous Substances
Diethanolamine 111-42-2 Present

U.S. - Illinois - Toxic Air Contaminant Carcinogens
Cocamide DEA 68603-42-9 IARC 2B Carcinogen
Diethanolamine 111-42-2 IARC 2B Carcinogen

U.S. - Illinois - Toxic Air Contaminants
Diethanolamine 111-42-2 Present

U.S. - Louisiana - Reportable Quantity List for Pollutants
Diethanolamine 111-42-2 100 Lb final RQ; 45.4 kg final RQ

U.S. - Massachusetts - Right To Know List
Diethanolamine 111-42-2 Present

U.S. - Minnesota - Hazardous Substance List
Diethanolamine 111-42-2 Present

U.S. - New Jersey - Right to Know Hazardous Substance List
Diethanolamine 111-42-2 sn 0686

U.S. - New York - Reporting of Releases Part 597 - List of Hazardous Substances
Diethanolamine 111-42-2 1 Lb RQ (air); 1 lb RQ (land/water)

U.S. - Pennsylvania - RTK (Right to Know) List
Diethanolamine 111-42-2 Environmental hazard

U.S. - Rhode Island - Hazardous Substance List
Diethanolamine 111-42-2 Toxic; Flammable

Inventory status

<table>
<thead>
<tr>
<th>Country(s) or region</th>
<th>Inventory name</th>
<th>On inventory (yes/no)*</th>
</tr>
</thead>
<tbody>
<tr>
<td>United States &amp; Puerto Rico</td>
<td>Toxic Substances Control Act (TSCA) Inventory</td>
<td>Yes</td>
</tr>
</tbody>
</table>

A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s).

16. Other Information

Disclaimer

This product should only be used as directed on the label and for the purpose intended. To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

Further information

LiceMD® Complete Kit - Shampoo, 4 fl oz - 8051825v2.0

Issue date
20-Dec-2012

Effective date
15-Dec-2012

Prepared by
Reckitt Benckiser Regulatory Department 800-333-3899

Other information
For an updated MSDS, please contact the supplier/manufacturer listed on the first page of the document.