1. IDENTIFICATION

**Product Identifier**
- **Product Name**: 15% Coconut Oil Hand Soap RTU

**Other Means of Identification**
- **Product Code**: 021500

**Recommended Use of the Chemical and Restrictions on Use**
- **Recommended Use**: Hand soap RTU. For industrial use.

**Details of the Supplier of the Safety Data Sheet**
- **Midlab, Inc.**
  - 140 Private Brand Way
  - Athens, TN 37303

**Emergency Telephone Number**
- **Company Phone Number**: Phone: 1-423-337-3180
- **Emergency Telephone (24 hr)**: INFOTRAC 1-352-323-3500 (International)
  - 1-800-535-5053 (North America)

2. HAZARDS IDENTIFICATION

**Appearance**: Yellow

**Physical State**: Liquid

**Odor**: Coconut

**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.

**Unknown Acute Toxicity**
None known.

3. COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS No</th>
<th>Weight-%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Water</td>
<td>7732-18-5</td>
<td>60-100</td>
</tr>
<tr>
<td>Tall Oil Fatty Acid</td>
<td>61790-12-3</td>
<td>5-10</td>
</tr>
<tr>
<td>Fatty Acids, C8-C18 and C18 unsaturated</td>
<td>67701-05-7</td>
<td>1-5</td>
</tr>
<tr>
<td>Sodium Tripolyphosphate</td>
<td>7758-29-4</td>
<td>1-5</td>
</tr>
</tbody>
</table>

*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**

**Eye Contact**
Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. If eye irritation persists: Get medical advice/attention.

**Skin Contact**
If skin irritation occurs, rinse affected area with water.
Inhalation  No known hazardous effects. If symptoms occur, remove to fresh air.

Ingestion  Drink plenty of water. If any discomfort persists, obtain medical attention.

Most Important Symptoms and Effects

Symptoms  Direct contact with eyes may cause temporary irritation. Prolonged or repeated skin contact may cause irritation.

Indication of Any Immediate Medical Attention and Special Treatment Needed

Notes to Physician  Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media
Water spray (fog). Carbon dioxide (CO2). Dry chemical. Foam.

Unsuitable Extinguishing Media
Not determined.

Specific Hazards Arising from the Chemical
None known.

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

Personal Precautions  Use personal protective equipment as required.

Environmental Precautions  Avoid release to the environment.

Methods and Material for Containment and Cleaning Up

Methods for Containment  Prevent further leakage or spillage if safe to do so.

Methods for Clean-Up  Collect spillage. Collect in a clean, dry waste container for disposal. After cleaning, flush away traces with water.

7. HANDLING AND STORAGE

Precautions for Safe Handling

Advice on Safe Handling  Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Use personal protection recommended in Section 8. Avoid contact with eyes. Observe good industrial hygiene practices.

Conditions for Safe Storage, Including Any Incompatibilities

Storage Conditions  Keep containers tightly closed in a dry, cool and well-ventilated place. Keep locked up and out of reach of children. Keep from freezing.

Incompatible Materials  None known.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines
### 9. PHYSICAL AND CHEMICAL PROPERTIES

**Physical State**  
Liquid

**Appearance**  
Clear

**Color**  
Yellow

**pH**  
9.0-9.5

**Melting Point/Freezing Point**  
~ 0 °C / ~32 °F

**Boiling Point/Boiling Range**  
~ 100 °C / ~212 °F

**Flash Point**  
Not applicable

**Evaporation Rate**  
Not determined

**Flammability (Solid, Gas)**  
na/liquid

**Upper Flammability Limits**  
Not determined

**Lower Flammability Limit**  
Not determined

**Vapor Pressure**  
Not determined

**Vapor Density**  
Not determined

**Specific Gravity**  
1.01

**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

**Remarks • Method**  
Tag Open Cup

**Odor**  
Coconut

**Odor Threshold**  
Not determined

**Property**  
Values

**Water Solubility**  
Completely soluble

@ 25 °C (77 °F)

### 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. Keep from freezing.

Incompatible Materials
None known.

Hazardous Decomposition Products
When exposed to fire, produces normal products of combustion.

11. TOXICOLOGICAL INFORMATION

Information on Likely Routes of Exposure

Product Information

Eye Contact
Avoid contact with eyes.

Skin Contact
Avoid prolonged contact with skin.

Inhalation
Avoid breathing vapors or mists.

Ingestion
Do not taste or swallow.

Component Information

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Oral LD50</th>
<th>Dermal LD50</th>
<th>Inhalation LC50</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tall Oil Fatty Acid 61790-12-3</td>
<td>&gt; 10000 mg/kg (Rat)</td>
<td>&gt; 2000 mg/kg (Rabbit)</td>
<td>-</td>
</tr>
<tr>
<td>Fatty Acids, C8-C18 and C18 unsaturated 67701-05-7</td>
<td>&gt; 2000 mg/kg (Rat)</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Sodium Tripolyphosphate 7758-29-4</td>
<td>= 5400 mg/kg (Rat)</td>
<td>&gt; 7940 mg/kg (Rabbit)</td>
<td>-</td>
</tr>
</tbody>
</table>

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

Unknown Acute Toxicity
None known

12. ECOLOGICAL INFORMATION

Ecotoxicity
An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Algae/aquatic plants</th>
<th>Fish</th>
<th>Toxicity to microorganisms</th>
<th>Crustacea</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tall Oil Fatty Acid 61790-12-3</td>
<td>= 854.90 mg/L (72hr) algae</td>
<td>&gt; 1000 mg/L (96hr)</td>
<td>&gt; 1000 mg/L (48hr) Daphnia magna</td>
<td></td>
</tr>
<tr>
<td>Fatty Acids, C8-C18 and C18 unsaturated 67701-05-7</td>
<td>-</td>
<td>= 900 mg/L (96hr) bluegill- static</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Sodium Tripolyphosphate 7758-29-4</td>
<td>-</td>
<td>&gt;100mg/L (96hr) Rainbow Trout</td>
<td>-</td>
<td>&gt;100mg/L (48hr) Daphnia magna</td>
</tr>
</tbody>
</table>

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

DOT
Not regulated

IATA
Not regulated

IMDG
Not regulated

15. REGULATORY INFORMATION

International Inventories

TSCA
Listed

Legend:
TSCA - United States Toxic Substances Control Act Section 8(b) Inventory
DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List
EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances
ENCs - Japan Existing and New Chemical Substances
IECSC - China Inventory of Existing Chemical Substances
KECL - Korean Existing and Evaluated Chemical Substances
PICCS - Philippines Inventory of Chemicals and Chemical Substances

US Federal Regulations

CERCLA

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Hazardous Substances RQs</th>
<th>CERCLA/SARA RQ</th>
<th>Reportable Quantity (RQ)</th>
</tr>
</thead>
<tbody>
<tr>
<td>None Listed</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

SARA 311/312 Hazard Categories

Acute Health Hazard
Yes

SARA 313
Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

CWA (Clean Water Act)

<table>
<thead>
<tr>
<th>Component</th>
<th>CWA - Reportable Quantities</th>
<th>CWA - Toxic Pollutants</th>
<th>CWA - Priority Pollutants</th>
<th>CWA - Hazardous Substances</th>
</tr>
</thead>
<tbody>
<tr>
<td>None Listed</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

Page 5 / 6
US State Regulations

California Proposition 65
This product does not contain any Proposition 65 chemicals.

U.S. State Right-to-Know Regulations

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>State List</th>
</tr>
</thead>
<tbody>
<tr>
<td>None Listed</td>
<td>IL- Illinois Toxic Air Contaminate- Carcinogenic</td>
</tr>
<tr>
<td>AZ- Arizona Ambient Air Quality Guidelines</td>
<td>MA- Massachusetts Right to Know List</td>
</tr>
<tr>
<td>CT- Connecticut Hazardous Air Pollutants</td>
<td>MN- Minnesota Hazardous Substances List</td>
</tr>
<tr>
<td>CA- California Director's List of Hazardous Substances</td>
<td>NJ- New Jersey Right to Know List</td>
</tr>
<tr>
<td>CAP65C- California Prop65 Carcinogen</td>
<td>PA- Pennsylvania Right to Know List</td>
</tr>
<tr>
<td>FL- Florida Substances List</td>
<td>RI- Rhode Island Hazardous Substances List</td>
</tr>
<tr>
<td>ID- Idaho Non-Carcinogen Toxic Air Pollutants</td>
<td></td>
</tr>
</tbody>
</table>

6. OTHER INFORMATION

<table>
<thead>
<tr>
<th>NFPA</th>
<th>Health Hazards</th>
<th>Flammability</th>
<th>Instability</th>
<th>Special Hazards</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Not determined</td>
<td>Not determined</td>
<td>Not determined</td>
<td>Not determined</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>HMIS</th>
<th>Health Hazards</th>
<th>Flammability</th>
<th>Physical Hazards</th>
<th>Personal Protection</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>1</td>
<td>0</td>
<td>0</td>
<td>Not determined</td>
</tr>
</tbody>
</table>

Issue Date 30-Aug-2012
Revision Date: 20-Jan-2014
Revision Note New format Version 1.0

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.

Keep Out of Reach of Children. For Industrial and Institutional Use Only.

*Denotes changes from last version.

End of Safety Data Sheet