1. IDENTIFICATION

Product Identifier
Product Name Grime Master

Other means of Identification
Product Code 026600

Recommended use of the Chemical and Restrictions on Use
Recommended Use Hand soap concentrate. 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 Amber Physical State Liquid Odor Citrus

Classification
Carcinogenicity Category 2

Signal Word Warning

Hazard Statements
Suspected of causing cancer.

Precautionary Statements – Prevention
Obtain special instructions before use.
Do not handle until all safety precautions have been read and understood.
Use personal protective equipment as required.

Precautionary Statements – Response
IF exposed or concerned: Get medical advice/attention.

Precautionary Statements – Storage
Store locked up.

Precautionary Statements – Disposal
Dispose of contents/container to an approved waste disposal site.

Other Hazards
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>7-13</td>
</tr>
<tr>
<td>Coconut Alkanolamide</td>
<td>Proprietary</td>
<td></td>
</tr>
<tr>
<td>Sodium Tripolyphosphate</td>
<td>7758-29-4</td>
<td>1-5</td>
</tr>
<tr>
<td>Triethanolamine</td>
<td>102-71-6</td>
<td>1-5</td>
</tr>
<tr>
<td>Sodium Dodecyl Benzene Sulphonate</td>
<td>25155-30-0</td>
<td>1-5</td>
</tr>
<tr>
<td>Tetrasodium EDTA</td>
<td>64-02-8</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**
Not considered to be a hazard.

**Inhalation**
Not considered to be a hazard.

**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.

**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 protection recommended in Section 8.

**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 in a clean, dry waste container for disposal. Use a water rinse for final clean up.
7. HANDLING AND STORAGE

Precautions for Safe Handling

Advice on Safe Handling
Handle in accordance with good industrial hygiene and safety practice. Avoid contact with eyes.

Conditions for Safe Storage, including any Incompatibilities

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

Incompatible Materials
None known.

8. EXPOSURE CONTROLS/PERSOAL PROTECTION

Exposure Guidelines

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>ACGIH TLV</th>
<th>OSHA PEL</th>
<th>NIOSH IDLH</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tall Oil Fatty Acid 61790-12-3</td>
<td>TWA: 5 mg/m³ STEL: 10 mg/m³</td>
<td>TWA: 5 mg/m³</td>
<td>-</td>
</tr>
<tr>
<td>Coconut Alkanamide Proprietary (Diethanolamine component)</td>
<td>TWA: 1 mg/m³ inhalable fraction and vapor S*</td>
<td>(vacated) TWA: 3 ppm (vacated) TWA: 15 mg/m³</td>
<td>TWA: 3 ppm TWA: 15 mg/m³</td>
</tr>
<tr>
<td>Sodium Tripolyphosphate 7758-29-4</td>
<td>10mg/m³ (Inhalable) 8hr TWA 3mg/m³ (Respirable) 8hr TWA</td>
<td>15mg/m³ (Total Dust) 8hr TWA 5mg/m³ (Respirable) 8hr TWA</td>
<td>-</td>
</tr>
<tr>
<td>Triethanolamine 102-71-6</td>
<td>TWA: 5 mg/m³ (8 hours)</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

Appropriate Engineering Controls

Engineering Controls
General ventilation sufficient.

Individual Protection Measures, such as Personal Protective Equipment

Eye/Face Protection
No protective equipment is needed under normal use conditions.

Skin and Body Protection
No protective equipment is needed under normal use conditions.

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

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

<table>
<thead>
<tr>
<th>Property</th>
<th>Values</th>
<th>Remarks • Method</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physical State</td>
<td>Liquid</td>
<td>Odor</td>
</tr>
<tr>
<td>Appearance</td>
<td>Clear</td>
<td>Citrus</td>
</tr>
<tr>
<td>Color</td>
<td>Amber</td>
<td>Odor Threshold</td>
</tr>
<tr>
<td>Odor Threshold</td>
<td>Not determined</td>
<td>@ 25 °C (77 °F)</td>
</tr>
<tr>
<td>Property</td>
<td>Values</td>
<td>Remarks • Method</td>
</tr>
<tr>
<td>pH</td>
<td>9.5-10.0</td>
<td></td>
</tr>
<tr>
<td>Melting Point/Freezing Point</td>
<td>0 °C / 32 °F</td>
<td></td>
</tr>
<tr>
<td>Boiling Point/Boiling Range</td>
<td>100 °C / 212 °F</td>
<td></td>
</tr>
<tr>
<td>Flash Point</td>
<td>Not applicable</td>
<td></td>
</tr>
<tr>
<td>Evaporation Rate</td>
<td>Not determined</td>
<td></td>
</tr>
<tr>
<td>Flammability (Solid, Gas)</td>
<td>n/a-liquid</td>
<td></td>
</tr>
<tr>
<td>Upper Flammability Limits</td>
<td>Not determined</td>
<td></td>
</tr>
<tr>
<td>Lower Flammability Limit</td>
<td>Not determined</td>
<td></td>
</tr>
<tr>
<td>Vapor Pressure</td>
<td>Not determined</td>
<td></td>
</tr>
<tr>
<td>Vapor Density</td>
<td>Not determined</td>
<td></td>
</tr>
<tr>
<td>Specific Gravity</td>
<td>1.01</td>
<td></td>
</tr>
<tr>
<td>Water Solubility</td>
<td>Completely soluble</td>
<td></td>
</tr>
<tr>
<td>Solubility in other solvents</td>
<td>Not determined</td>
<td></td>
</tr>
</tbody>
</table>
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. 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
No known hazard in contact with skin.

Inhalation
Under normal conditions of intended use, this material is not expected to be an inhalation hazard.

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>Coconut Alkanolamide Proprietary (Diethanolamine component)</td>
<td>= 710 mg/kg (Rat)</td>
<td>= 12200 mg/kg (Rabbit)</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>
<tr>
<td>Triethanolamine 102-71-6</td>
<td>= 6400 mg/kg (Rat)</td>
<td>&gt; 2000 mg/kg (Rabbit)</td>
<td>-</td>
</tr>
<tr>
<td>Sodium Dodecyl Benzene Sulphonate 25155-30-0</td>
<td>= 438 mg/kg (Rat)</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Tetrasodium EDTA 64-02-8</td>
<td>= 10 g/kg (Rat)</td>
<td>-</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

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>ACGIH</th>
<th>IARC</th>
<th>NTP</th>
<th>OSHA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Coconut Alkanolamide</td>
<td>A3</td>
<td>Group 2B</td>
<td></td>
<td>X</td>
</tr>
<tr>
<td>Proprietary (Diethanolamine component)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Legend

ACGIH (American Conference of Governmental Industrial Hygienists)
A3 - Animal Carcinogen
IARC (International Agency for Research on Cancer)
Group 2B - Possibly Carcinogenic to Humans
OSHA (Occupational Safety and Health Administration of the US Department of Labor)
X - Present

Numerical Measures of Toxicity

Not determined

12. ECOLOGICAL INFORMATION

Ecotoxicity

<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>-</td>
<td>&gt; 1000 mg/L (48hr) Daphnia magna</td>
</tr>
<tr>
<td>Coconut Alkanolamide Proprietary (Diethanolamine component)</td>
<td>-</td>
<td>= 1460 mg/L (96hr) Pimephales promelas</td>
<td>-</td>
<td>= 55 mg/L (48hr) Daphnia magna</td>
</tr>
<tr>
<td>Sodium Triopolyphosphate 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>
<tr>
<td>Triethanolamine 102-71-6</td>
<td>2.2 mg/L (96hr) semi static algae</td>
<td>= 1460 mg/L (96hr)</td>
<td>&gt; 1000 mg/L (30 minutes) Bacteria</td>
<td>55 mg/L (48hr) Daphnia magna</td>
</tr>
<tr>
<td>Sodium Dodecyl Benzene Sulphonate 25155-30-0</td>
<td>-</td>
<td>10.8: 96 h Oncorhynchus mykiss mg/L LC50 static</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Tetrasodium EDTA 64-02-8</td>
<td>1.01: 72 h Desmodesmus subspicatus mg/L EC50</td>
<td>41: 96 h Lepomis macrochirus mg/L LC50 static 59.8: 96 h Pimephales promelas mg/L LC50 static</td>
<td>-</td>
<td>610: 24 h Daphnia magna mg/L EC50</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

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
Canada – Domestic Substances List (DSL) All ingredients are listed or exempt.
TSCA (Toxic Substances Control Act) All ingredients are listed or exempt.

Legend:
TSCA - United States Toxic Substances Control Act Section 8(b) Inventory
DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

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>Coconut Alkanolamide Proprietary (Diethanolamine component)</td>
<td>100 lb</td>
<td>RQ 100 lb final RQ RQ 45.4 kg final RQ</td>
<td></td>
</tr>
<tr>
<td>Sodium Dodecyl Benzene Sulphonate 25155-30-0</td>
<td>1000 lb</td>
<td>RQ 1000 lb final RQ RQ 454 kg final RQ</td>
<td></td>
</tr>
</tbody>
</table>

SARA 311/312 Hazard Categories

Acute Health Hazard Yes

SARA 313

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS No</th>
<th>Weight-%</th>
<th>SARA 313 - Threshold Values %</th>
</tr>
</thead>
<tbody>
<tr>
<td>Coconut Alkanolamide (Diethanolamine component)</td>
<td>Proprietary</td>
<td>0.1-1</td>
<td>1.0</td>
</tr>
</tbody>
</table>

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>Sodium Dodecyl Benzene Sulphonate 25155-30-0</td>
<td>1000 lb</td>
<td></td>
<td></td>
<td>X</td>
</tr>
</tbody>
</table>

US State Regulations

California Proposition 65
This product contains a chemical known to the State of California to cause cancer.

WARNING: This product can expose you to Coconut oil diethanolamine condensate (cocamide diethanolamine), which is known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>California Proposition 65</th>
</tr>
</thead>
<tbody>
<tr>
<td>Coconut Alkanolamide Proprietary (Diethanolamine component)</td>
<td>Carcinogen</td>
</tr>
</tbody>
</table>

U.S. State Right-to-Know Regulations

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>State List</th>
</tr>
</thead>
<tbody>
<tr>
<td>Coconut Alkanolamide Proprietary (Diethanolamine component)</td>
<td>MA, NJ, PA</td>
</tr>
<tr>
<td>Sodium Tripolyphosphate 7758-29-4</td>
<td>MA, PA</td>
</tr>
<tr>
<td>Sodium Dodecyl Benzene Sulphonate 25155-30-0</td>
<td>MA, NJ, PA</td>
</tr>
</tbody>
</table>

AZ - Arizona Ambient Air Quality Guidelines IL - Illinois Toxic Air Contaminant- Carcinogenic
16. 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>1</td>
<td>0</td>
<td>0</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Issue Date: 08-Aug-2011
Revision/Review Date: 15-Aug-2018
Revision Note: Version 1.1 Updated Section 15

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