1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE
COMPANY/UNDERTAKING

Product identifier

Product Name Sortwik

Other means of identification

Synonyms None

Recommended use of the chemical and restrictions on use

Recommended Use Skin-care (non-aerosol)

Uses advised against No information available

Details of the supplier of the safety data sheet

Supplier Name Lee Products Company

Supplier Address 800 E 80th St
Bloomington
MN
55420
US

Supplier Phone Number Phone: 612-281-1262
Fax: 952-854-7177
Contact Phone 952-698-1964

Supplier Email faye.roy@leeproducts.com

Emergency telephone number

Company Emergency Phone Number 612-281-1262

2. HAZARDS IDENTIFICATION

Classification

This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200).

Skin sensitization Category 1

GHS Label elements, including precautionary statements
Emergency Overview

Signal word   Warning

Hazard Statements
May cause an allergic skin reaction

Precautionary Statements - Prevention
Avoid breathing dust/fume/gas/mist/vapors/spray
Contaminated work clothing should not be allowed out of the workplace
Wear protective gloves

Precautionary Statements - Response
Specific treatment (see supplemental first aid instructions on this label)

Skin
IF ON SKIN: Wash with plenty of soap and water
If skin irritation or rash occurs: Get medical advice/attention
Wash contaminated clothing before reuse

Precautionary Statements - Storage
None

Precautionary Statements - Disposal
Dispose of contents/container to an approved waste disposal plant

Hazards not otherwise classified (HNOC)
Not applicable

Unknown Toxicity
1.092% of the mixture consists of ingredient(s) of unknown toxicity

Other information
Repeated or prolonged skin contact may cause allergic reactions with susceptible persons

Interactions with Other Chemicals
No information available.
3. COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS No</th>
<th>Weight-%</th>
<th>Trade Secret</th>
</tr>
</thead>
<tbody>
<tr>
<td>Propylene Glycol</td>
<td>57-55-6</td>
<td>30 - 60</td>
<td>*</td>
</tr>
<tr>
<td>Glycerin</td>
<td>56-81-5</td>
<td>10 - 30</td>
<td>*</td>
</tr>
<tr>
<td>Supplier Trade Secret</td>
<td>Proprietary</td>
<td>1 - 5</td>
<td>*</td>
</tr>
<tr>
<td>Stearic acid</td>
<td>57-11-4</td>
<td>1 - 5</td>
<td>*</td>
</tr>
<tr>
<td>Sodium carbonate</td>
<td>497-19-8</td>
<td>1 - 5</td>
<td>*</td>
</tr>
<tr>
<td>Myristic acid</td>
<td>544-63-8</td>
<td>0.1 - 1</td>
<td>*</td>
</tr>
</tbody>
</table>

*The exact percentage (concentration) of composition has been withheld as a trade secret

4. FIRST AID MEASURES

First aid measures

**General Advice**
Show this safety data sheet to the doctor in attendance.

**Eye contact**
Rinse thoroughly with plenty of water, also under the eyelids. If symptoms persist, call a physician.

**Skin contact**
Wash skin with soap and water. In the case of skin irritation or allergic reactions see a physician. May cause an allergic skin reaction.

**Inhalation**
Remove to fresh air. If symptoms persist, call a physician.

**Ingestion**
Do NOT induce vomiting. Drink plenty of water. If symptoms persist, call a physician.

**Most important symptoms and effects, both acute and delayed**

**Most Important Symptoms and Effects**

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

**Notes to Physician**
Treat symptomatically. May cause sensitization of susceptible persons.
5. FIRE-FIGHTING MEASURES

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

Unsuitable extinguishing media
CAUTION: Use of water spray when fighting fire may be inefficient.

Specific hazards arising from the chemical
Product is or contains a sensitizer. May cause sensitization by skin contact.

Uniform Fire Code
Sensitizer: Solid

Hazardous Combustion Products
Carbon oxides.

Explosion Data
Sensitivity to Mechanical Impact  No.
Sensitivity to Static Discharge  No.

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
Avoid contact with eyes.

Environmental precautions

Environmental precautions
Refer to protective measures listed in Sections 7 and 8.

Methods and material for containment and cleaning up

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

Methods for cleaning up
Pick up and transfer to properly labeled containers.
7. HANDLING AND STORAGE

Precautions for safe handling

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

Conditions for safe storage, including any incompatibilities

Storage
Keep container tightly closed.

Incompatible Products
None known based on information supplied.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

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>Glycerin 56-81-5</td>
<td>TWA: 10 mg/m^3 mist</td>
<td>TWA: 15 mg/m^3 mist, total particulate</td>
<td>(vacated) TWA: 5 mg/m^3 mist, respirable fraction</td>
</tr>
<tr>
<td></td>
<td>TWA: 5 mg/m^3 mist, respirable fraction</td>
<td>(vacated) TWA: 10 mg/m^3 total particulate</td>
<td>(vacated) TWA: 5 mg/m^3 mist, respirable fraction</td>
</tr>
</tbody>
</table>

ACGIH TLV: American Conference of Governmental Industrial Hygienists - Threshold Limit Value OSHA PEL: Occupational Safety and Health Administration - Permissible Exposure Limits NIOSH IDLH Immediately Dangerous to Life or Health

Other Exposure Guidelines
Vacated limits revoked by the Court of Appeals decision in AFL-CIO v. OSHA, 965 F.2d 962 (11th Cir., 1992) See section 15 for national exposure control parameters

Appropriate engineering controls

Engineering Measures
- Showers
- Eyewash stations
- Ventilation systems

Individual protection measures, such as personal protective equipment

Eye/face protection
Wear safety glasses with side shields (or goggles).

Skin and body protection
Wear protective gloves and protective clothing.

Respiratory protection
No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required.

Hygiene Measures
Handle in accordance with good industrial hygiene and safety practice. Take off contaminated clothing and wash before reuse.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical and Chemical Properties
### Physical state

- **Appearance**: Pink Translucent
- **Color**: No information available
- **Odor**: Odorless
- **Odor Threshold**: No information available

### Explosive properties

- **No data available**

### Oxidizing properties

- **No data available**

### Other Information

- **Softening Point**: No data available
- **VOC Content (%)**: No data available
- **Particle Size**: No data available
- **Particle Size Distribution**: No data available

### 10. STABILITY AND REACTIVITY

#### Reactivity

No data available.

#### 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

None known based on information supplied.

#### Incompatible materials

None known based on information supplied.

#### Hazardous Decomposition Products

Carbon oxides.

### 11. TOXICOLOGICAL INFORMATION

#### Information on likely routes of exposure
Product Information

Product does not present an acute toxicity hazard based on known or supplied information.

Inhalation
Specific test data for the substance or mixture is not available.

Eye contact
Specific test data for the substance or mixture is not available.

Skin contact
Specific test data for the substance or mixture is not available.

Ingestion
Specific test data for the substance or mixture is not available.

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>Propylene Glycol 57-55-6</td>
<td>$= 20000 \text{ mg/kg (Rat)}$</td>
<td>$= 20800 \text{ mg/kg (Rabbit)}$</td>
<td>-</td>
</tr>
<tr>
<td>Glycerin 56-81-5</td>
<td>-</td>
<td>$&gt; 10 \text{ g/kg (Rabbit)}$</td>
<td>-</td>
</tr>
<tr>
<td>Stearic acid 57-11-4</td>
<td>$&gt; 5000 \text{ mg/kg (Rat)}$</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Sodium carbonate 497-19-8</td>
<td>$= 4090 \text{ mg/kg (Rat)}$</td>
<td>-</td>
<td>$= 2300 \text{ mg/m}^3 \text{ (Rat) 2 h}$</td>
</tr>
<tr>
<td>Myristic acid 544-63-8</td>
<td>$&gt; 10 \text{ g/kg (Rat)}$</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

Information on toxicological effects

Symptoms

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

Sensitization
May cause sensitization of susceptible persons. May cause sensitization by skin contact.

Mutagenic Effects
No information available.

Carcinogenicity
Contains no ingredient listed as a carcinogen.

Reproductive toxicity
No information available.

STOT - single exposure
No information available.

STOT - repeated exposure
No information available.

Chronic Toxicity
No known effect based on information supplied.

Target Organ Effects

Aspiration Hazard
No information available.

Numerical measures of toxicity  Product Information

The following values are calculated based on chapter 3.1 of the GHS document

ATEmix (oral)
38,645.00 mg/kg

ATEmix (dermal)
### 12. ECOLOGICAL INFORMATION

#### Ecotoxicity
The environmental impact of this product has not been fully investigated.

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Toxicity to Algae</th>
<th>Toxicity to Fish</th>
<th>Toxicity to Microorganisms</th>
<th>Daphnia Magna (Water Flea)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Propylene Glycol 57-55-6</td>
<td>96h EC50: = 19000 mg/L (Pseudokirchneriella subcapitata)</td>
<td>96h LC50: = 51600 mg/L (Oncorhynchus mykiss)</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>96h LC50: = 41 - 47 mL/L (Oncorhynchus mykiss)</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>96h LC50: = 51400 mg/L (Pimephales promelas)</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>96h LC50: = 710 mg/L (Pimephales promelas)</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>24h EC50: &gt; 10000 mg/L</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>48h EC50: &gt; 1000 mg/L</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Glycerin 56-81-5</td>
<td>96h LC50: 51 - 57 mL/L (Oncorhynchus mykiss)</td>
<td>24h EC50: &gt; 500 mg/L</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Supplier Trade Secret</td>
<td>96h LC50: = 150 mg/L (Oryzias latipes)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sodium carbonate 497-19-8</td>
<td>120h EC50: = 242 mg/L (Nitzschia)</td>
<td>96h LC50: = 300 mg/L (Lepeomis macrochirus)</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>96h LC50: 310 - 1220 mg/L (Pimephales promelas)</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>48h EC50: = 265 mg/L</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Myristic acid 544-63-8</td>
<td>96h LC50: = 118 mg/L (Oryzias latipes)</td>
<td>16h EC50: &gt; 27 mg/L</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

#### Persistence and Degradability
No information available.

#### Bioaccumulation

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Log Pow</th>
</tr>
</thead>
<tbody>
<tr>
<td>Glycerin 56-81-5</td>
<td>-1.76</td>
</tr>
<tr>
<td>Myristic acid 544-63-8</td>
<td>5.9</td>
</tr>
</tbody>
</table>

#### Other adverse effects
No information available.
13. DISPOSAL CONSIDERATIONS

Waste treatment methods

Disposal methods
This material, as supplied, is not a hazardous waste according to Federal regulations (40 CFR 261). This material could become a hazardous waste if it is mixed with or otherwise comes in contact with a hazardous waste, if chemical additions are made to this material, or if the material is processed or otherwise altered. Consult 40 CFR 261 to determine whether the altered material is a hazardous waste. Consult the appropriate state, regional, or local regulations for additional requirements.

Contaminated Packaging
Dispose of contents/containers in accordance with local regulations.

California Hazardous Waste Codes 331

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>California Hazardous Waste</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sodium carbonate 497-19-8</td>
<td>Corrosive</td>
</tr>
</tbody>
</table>

14. TRANSPORT INFORMATION

DOT
Proper Shipping Name NON REGULATED
Hazard Class N/A

TDG
Not regulated

MEX
Not regulated

ICAO
Not regulated

IATA
Proper Shipping Name NON REGULATED
Hazard Class N/A

IMDG/IMO
Hazard Class N/A

RID
Not regulated

ADR
Not regulated

ADN
Not regulated

15. REGULATORY INFORMATION

International Inventories

TSCA
Complies

DSL
All components are listed either on the DSL or NDSL.

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

SARA 311/312 Hazard Categories

- **Acute Health Hazard**: Yes
- **Chronic Health Hazard**: No
- **Fire Hazard**: No
- **Sudden release of pressure hazard**: No
- **Reactive Hazard**: No

CWA (Clean Water Act)
This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

CERCLA
This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material

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>New Jersey</th>
<th>Massachusetts</th>
<th>Pennsylvania</th>
<th>Rhode Island</th>
<th>Illinois</th>
</tr>
</thead>
<tbody>
<tr>
<td>Propylene Glycol 57-55-6</td>
<td>X</td>
<td></td>
<td>X</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Glycerin 56-81-5</td>
<td>X</td>
<td>X</td>
<td></td>
<td>X</td>
<td>X</td>
</tr>
</tbody>
</table>

International Regulations

Mexico
National occupational exposure limits

<table>
<thead>
<tr>
<th>Component</th>
<th>Carcinogen Status</th>
<th>Exposure Limits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Glycerin 56-81-5 (10 - 30)</td>
<td>-</td>
<td>10mg/m³ (mist) TWA</td>
</tr>
</tbody>
</table>

Mexico - Occupational Exposure Limits - Carcinogens

Canada
WHMIS Hazard Class
Not determined

16. OTHER INFORMATION

<table>
<thead>
<tr>
<th>NFPA</th>
<th>Health Hazards 2</th>
<th>Flammability 0</th>
<th>Instability 0</th>
</tr>
</thead>
<tbody>
<tr>
<td>HMIS</td>
<td>Health Hazards 2</td>
<td>Flammability 0</td>
<td>Physical Hazard 0</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Personal Protection X</td>
</tr>
</tbody>
</table>

Prepared By
Product Stewardship
23 British American Blvd.
Latham, NY 12110
1-800-572-6501

Issuing Date 13-Mar-2015
Revision Date 17-Jun-2015
Revision Note No information available

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