1. IDENTIFICATION

Product Identifier
Product Name
ANTI-FOG WIPES

Other means of identification
SDS #
HLAF-013WL

Product Code
LFT600 ANTI-FOG TOWELETTE

Recommended use of the chemical and restrictions on use
Recommended Use
Anti-fog wipe for eye glasses, goggles and eye/face shields.

Details of the supplier of the safety data sheet
Supplier Address
MCR Safety
1255 Schilling Blvd. West
Collierville, TN 38017

Emergency Telephone Number
Company Phone Number 1-508-699-4406
Emergency Telephone (24 hr) INFOTRAC
1-352-323-3500 (International)
1-800-535-5053 (North America)

Remark
This SDS is created on the basis of the evaluation of the liquid in the product.

2. HAZARDS IDENTIFICATION

Appearance: Liquid absorbed onto a towelette
Physical State: Solid containing liquid
Odor: Odorless

Classification
Classification according to OSHA Hazard Communication Standard (29 CFR 1910.1200)

The information below is for the liquid only that is absorbed onto the wipe when used in an industrial setting. The wipe itself is considered a consumer good and when used as intended is unlikely to present a hazard.

<table>
<thead>
<tr>
<th>Eye Irritant 2A H319</th>
<th>Causes serious eye irritation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flammable Liquids</td>
<td></td>
</tr>
</tbody>
</table>

Hazard Not Otherwise Classified (HNOC): No further relevant information available.

Signal Word
Warning

Hazard Statements
H319 Causes serious eye irritation
Precautionary Statements - Prevention
P284 Wash thoroughly after handling
P280 Wear eye/face protection

Precautionary Statements - Response
P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
P337 + P313 If eye irritation persists: Get medical advice/attention

Precautionary Statements - Storage
Store locked up
Store in a well-ventilated place. Keep cool

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

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>91 - 95</td>
</tr>
<tr>
<td>ethanol</td>
<td>64-17-6</td>
<td>1 - 4</td>
</tr>
<tr>
<td>D-Glucopyranose, oligomers, decyl octyl glycosides</td>
<td>68515-73-1</td>
<td>1 - 3</td>
</tr>
<tr>
<td>sorbitan oleate</td>
<td>1338-43-8</td>
<td>0.5 - 1</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

General Advice  If exposed or concerned: Get medical advice/attention.

Eye Contact  Rinse eye immediately with plenty of water for at least 15 minutes. Keep eyes wide open while rinsing. If eye irritation persists, get medical advice/attention.

Skin Contact  Wash with soap and water. Rinse thoroughly. If irritation persists or an allergic reaction occurs, call a physician.

Inhalation  Move victim to fresh air. If symptoms persist, call a physician.

Ingestion  Do not induce vomiting. Rinse mouth with water. Never give anything by mouth to a person who is unconscious or convulsing. Consult a physician.

Most important symptoms and effects

Symptoms  No further relevant information is available

Indication of any immediate medical attention and special treatment needed

Notes to Physician  No further relevant information is available.

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:  No further relevant information is available

Hazardous Combustion Products:  No further relevant information is available

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.
Avoid contact with eyes and skin.
Ensure adequate ventilation.
Use respiratory device in the event of fumes or aerosol.

Methods and material for containment and cleaning up

Environmental Precaution
Do not allow to enter sewers, or surface or groundwater.

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

Methods for Clean-Up
Soak up with absorbent, liquid binding material. Pick up and transfer to properly labeled containers. Dispose contaminated material as waste according to item 13.

7. HANDLING AND STORAGE

Precautions for safe handling

Advice on Safe Handling
Avoid contact with eyes and skin.
Ensure good ventilation at the workplace.
Keep away from heat and direct sunlight.
Keep receptacles tightly sealed.
Prevent formation of aerosols.
Normal measures for preventive fire protection.

Conditions for safe storage, including any incompatibilities

Storage Conditions
Store locked up. Keep container tightly closed. Keep out of the reach of children. Store away from incompatible materials.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>ACGIH TLV</th>
<th>OSHA PEL</th>
<th>NIOSH REL</th>
</tr>
</thead>
<tbody>
<tr>
<td>ethanol</td>
<td>Short Term: 1880 mg/m³, 1000 ppm</td>
<td>Short Term: 1900 mg/m³, 1000 ppm</td>
<td>Short Term: 1880 mg/m³, 1000 ppm</td>
</tr>
<tr>
<td>64-17-5</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Appropriate engineering controls

Engineering Controls
Eyewash stations. Ventilation systems.
Keep away from food, beverages and feed.
Avoid contact with skin and eyes.
Wash hands before breaks and after work.
Individual protection measures, such as personal protective equipment

**Eye/Face Protection**
- Tightly sealed goggles

**Skin and Body Protection**
- Protective gloves

**Respiratory Protection**
- Suitable respiratory device

**General Hygiene Considerations**
When using do not eat, drink or smoke. Remove and wash contaminated clothing before reuse. Wash hands before breaks and at the end of the workday. Provided regular cleaning of equipment, work areas and clothing.

### 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>Solid containing liquid</td>
<td></td>
</tr>
<tr>
<td>Appearance</td>
<td>Liquid absorbed onto a towelette</td>
<td></td>
</tr>
<tr>
<td>Color</td>
<td>Colorless</td>
<td></td>
</tr>
<tr>
<td>Odor</td>
<td>Odorless</td>
<td></td>
</tr>
<tr>
<td>Odor Threshold</td>
<td>No information available</td>
<td></td>
</tr>
</tbody>
</table>

**Property Values**
- **pH**: No information available
- **Melting Point/Freezing Point**: No information available
- **Boiling Point/Boiling Range**: 100 C / 212 F
- **Flash Point**: No information available
- **Evaporation Rate**: No information available
- **Flammability (Solid, Gas)**: Not determined
- **Upper Flammability Limits**: No information available
- **Lower Flammability Limit**: No information available
- **Vapor Pressure**: No information available
- **Vapor Density**: No information available
- **Specific Gravity**: No information available
- **Water Solubility**: No information available
- **Solubility in other solvents**: No information available
- **Partition Coefficient**: Not determined
- **Auto-ignition Temperature**: No information available
- **Decomposition Temperature**: No information available
- **Kinematic Viscosity**: Not determined
- **Dynamic Viscosity**: Not determined
- **Explosive Properties**: Not determined
- **Oxidizing Properties**: Not determined
- **VOC Content**: No information available

### 10. STABILITY AND REACTIVITY

**Reactivity**
Not reactive under normal conditions.

**Chemical Stability**
Stable under recommended storage conditions.

**Possibility of Hazardous Reactions**
No dangerous reactions known

- **Hazardous Polymerization**: Hazardous polymerization does not occur.

**Conditions to Avoid**
No further relevant information available.
11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Product Information
May be harmful by inhalation, ingestion, or skin absorption.

Eye Contact
Vapor may cause irritation.

Skin Contact
May be harmful in contact with skin. May cause irritation.

Inhalation
May be harmful if inhaled. Avoid breathing vapors or mists. May cause irritation of respiratory tract. May cause central nervous system depression with nausea, headache, dizziness, vomiting, and incoordination.

Ingestion
May be harmful if swallowed. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

Component Information

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Oral LD50 (mg/kg, Rat)</th>
<th>Dermal LD50</th>
<th>Inhalation LC50 (mg/L, Rat) 4 h</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ethanol 84-17-5</td>
<td>= 7600</td>
<td>not determined</td>
<td>= 20,000</td>
</tr>
</tbody>
</table>

Information on physical, chemical and toxicological effects

Symptoms
Skin corrosion/irritation: Irritating effect possible
Serious eye damage/irritation: Irritating effect
Respiratory or skin sensitization: Sensitization possible

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

Carcinogenicity
Group 3 IARC components are “not classifiable as human carcinogens”.

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>ACGIH</th>
<th>IARC</th>
<th>NTP</th>
<th>OSHA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ethanol 84-17-5</td>
<td>Group 1</td>
<td>None listed</td>
<td>None listed</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 3 IARC components are "not classifiable as human carcinogens”
OSHA (Occupational Safety and Health Administration of the US Department of Labor)
X - Present

Numerical measures of toxicity
Not determined

12. ECOLOGICAL INFORMATION

Ecotoxicity

Aquatic toxicity: No further relevant information available
Persistence and degradability: No further relevant information available
Bioaccumulative potential: No further relevant information available
Mobility in soil: No further relevant information available
Other adverse effects: No further relevant information available
13. DISPOSAL CONSIDERATIONS

Waste Treatment Methods

Disposal of Wastes  Must not be disposed of together with household garbage. Do not allow liquid to reach sewer system.

Contaminated Packaging  Disposal should be in accordance with applicable regional, national and local laws and regulations.

California Hazardous Waste Status  This product contains one or more substances that are listed with the State of California as a hazardous waste

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>California Hazardous Waste Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ethanol 64-17-5</td>
<td>Toxic Ignitable</td>
</tr>
</tbody>
</table>

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  Not regulated

15. REGULATORY INFORMATION

International Inventories

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>TSCA</th>
<th>DSL</th>
<th>NDSL</th>
<th>EINECS</th>
<th>ELINCS</th>
<th>ENCS</th>
<th>IECSC</th>
<th>KECL</th>
<th>PICCS</th>
<th>AICS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ethanol 64-17-5</td>
<td>Present</td>
<td>X</td>
<td></td>
<td>Present</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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
- AICS - Australian Inventory of Chemical Substances

US Federal Regulations

SARA 313 and 355  None of the ingredients are listed

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)

US State Regulations

California Proposition 65  This product does not contain any Proposition 65 chemicals.
LFT600 ANTI-FOG TOWELETTE

U.S. State Right-to-Know Regulations

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>New Jersey</th>
<th>Massachusetts</th>
<th>Pennsylvania</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ethanol 64-17-5</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
</tbody>
</table>

16. OTHER INFORMATION

Issue Date: 8-Aug-2019

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