**Safety Data Sheet**
According to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

### Section 1. CHEMICAL PRODUCT and COMPANY IDENTIFICATION

**Identification:**
- **Product Name:** Staticide® ESD Hand Lotion: Hi Tech Hand Lotion
- **Product Number:** # 7001S, 7001, 7016, 7002, 7001SFF, 7001FF, 7016FF, 7002FF

**Product description:** Skin moisturizer for better wrist strap performance in ESD areas

**Product type:** Emulsion

**Application:** Industrial applications, professional applications

**Manufacturer:** ACL Incorporated
- 840 W. 49th Place
- Chicago, IL 60609
- PH: (01) 847.981.9212 [U.S.A.]
- FAX: (01) 847.981.9278 [U.S.A.]

**US/Canada Emergency TEL:** INFOTRAC: (01) 800.535.5053 (day or night)

**International Emergency TEL:** INFOTRAC: 352.323.3500 (day or night)

### Section 2. HAZARDOUS IDENTIFICATION

#### 2.1 Classification of the substance or mixture

- **Product definition:** Mixture

**Classification according to Regulation (EC) No. 1272/2008 [CLP/GHS]:**

- **Not classified**

**Physical/chemical hazards:** Not classified

**Human health hazards:** Not classified

**Environmental hazards:** Not classified

#### 2.2 Label elements

- **Hazard pictograms:** No symbol
- **Signal word:** Warning
- **Hazard statements:** No hazards known

**Precautionary statements**

- **General P101:** If medical advice is needed, have product container or label at hand
- **P102:** Keep out of reach of children
- **P103:** Read label before use

**Prevention:** Not a hazardous substance or mixture.

**Response:**
- Not a hazardous substance or mixture.

**Storage**
- Not a hazardous substance or mixture. See section 7 for storage details.

**Disposal**
- Not a hazardous substance or mixture. See section 13 for disposal details.

**Hazardous ingredients:** NA

**Supplemental label elements:** NA

**Annex XVII:** Not applicable

**Special packaging requirements**
Containers to be fitted with child-resistant fastenings: Not applicable
Tactile warning of danger: Not applicable

**Section 3  COMPOSITION / INFORMATION ON INGREDIENTS**

**Substance/Mixture**: Mixture

<table>
<thead>
<tr>
<th>CHEMICAL</th>
<th>CAS</th>
<th>RISK</th>
<th>WEIGHT %</th>
</tr>
</thead>
<tbody>
<tr>
<td>Deionized Water</td>
<td>7732-18-5</td>
<td>Not classified</td>
<td>73 – 78</td>
</tr>
<tr>
<td>Propylene Glycol</td>
<td>57-55-6</td>
<td>Not classified</td>
<td>3 - 7</td>
</tr>
<tr>
<td>Glycerol Stearate</td>
<td>86904-15-6</td>
<td>Not classified</td>
<td>3 – 7</td>
</tr>
<tr>
<td>Stearic Acid</td>
<td>57-11-4</td>
<td>Not classified</td>
<td>&lt; 5</td>
</tr>
<tr>
<td>Cetyl Alcohol</td>
<td>36653-82-4</td>
<td>Not classified</td>
<td>&lt; 5</td>
</tr>
</tbody>
</table>

**Section 4  FIRST AID MEASURES**

4.1 **Description of first aid measures**

*Inhalation*: If symptoms are experienced, remove the source of contamination or move victim to fresh air. If the affected person is not breathing, apply artificial respiration. If breathing is difficult give oxygen.

*Eye Contact*: Immediately flush eyes with large amounts of cold water for 15 minutes while holding eyelids open. If irritation persists, get medical attention.

*Skin Contact*: If irritated, Wash with soap and water. Get medical attention if irritation persists.

*Ingestion*: If swallowed, seek medical attention.

*Protection of first-aiders*: No action shall be taken involving any personal risk or without suitable training. Wear gloves.

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

The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11.

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

No data

**Section 5  FIRE FIGHTING MEASURES**

5.1 **Extinguishing media**

*Suitable extinguishing media*: Pulverized water, foam, dry chemical & carbon dioxide

*Unsuitable extinguishing media*: Not known

5.2 **Special hazards arising from the substance or mixture**

No data available

5.3 **Advice for firefighters**

Wear self-contained breathing apparatus for firefighting if necessary.

5.4 **Further information**: No data available

**Section 6  ACCIDENTAL RELEASE MEASURES**

6.1 **Personal precautions, protective equipment and emergency procedures**

For personal protection see section 8.

6.2 **Environmental precautions**

No special environmental precautions required.

6.3 **Methods and materials for containment and cleaning up**

Sweep up and shovel. Keep in suitable, closed containers for disposal.
6.4 Reference to other sections
For disposal see section 13.

**Section 7  HANDLING AND STORAGE**

7.1 Precautions for safe handling
Avoid contact with eyes. For precautions see section 2.2.

7.2 Conditions for safe storage, including any incompatibilities
Keep container tightly closed in a dry and well-ventilated place.

7.3 Specific end use(s) Apart from the uses mentioned in section 1.2
No other specific uses are stipulated

**Section 8  EXPOSURE CONTROL / PERSONAL PROTECTION**

The information in this section contains generic advice and guidance. The list of Identified Uses in Section 1 should be consulted for any available use-specific information provided in the Exposure Scenario(s).

8.1 Control parameters

**Occupational exposure limits**

<table>
<thead>
<tr>
<th>Product/Ingredient name</th>
<th>Exposure limit values</th>
</tr>
</thead>
<tbody>
<tr>
<td>Propylene Glycol</td>
<td>Contains no substances with occupational exposure limit values</td>
</tr>
<tr>
<td>Glyceryl Stearate</td>
<td></td>
</tr>
<tr>
<td>Stearic Acid</td>
<td></td>
</tr>
<tr>
<td>Cetyl Alcohol</td>
<td></td>
</tr>
</tbody>
</table>

**Recommended monitoring procedures:** Not established

**DNELs/DMELs:** No DNELs/DMELs available.
**PNECs:** No PNECs available

8.2 Exposure controls

**Appropriate engineering controls:** Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

**Individual protection measures**

**Hygiene measures:** Wash hands before eating, smoking and using the lavatory and at the end of the working period.
**Eye/face protection:** For normal conditions, protection is not necessary.
**Skin protection:** NA
**Hand protection:** For normal conditions, protection is not necessary.
**Body protection** For normal conditions, protection is not necessary.
**Other skin protection:** NA
**Respiratory protection:** NA
**Environmental exposure controls:** For normal conditions, protection is not necessary.

**Section 9  PHYSICAL AND CHEMICAL PROPERTIES**

9.1 Information on basic physical and chemical properties

<table>
<thead>
<tr>
<th>Characteristic</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>Light blue cream</td>
</tr>
<tr>
<td>Odor</td>
<td>Clean, pleasant</td>
</tr>
<tr>
<td>pH</td>
<td>5 – 7.0</td>
</tr>
<tr>
<td>Melting point/freezing point</td>
<td>NA</td>
</tr>
<tr>
<td>Initial boiling point and boiling range</td>
<td>NA</td>
</tr>
<tr>
<td>Flash point and method</td>
<td>None</td>
</tr>
</tbody>
</table>
### 9.2 Other safety information

**VOC** 52 g/l

### Section 10 STABILITY AND REACTIVITY

**10.1 Reactivity** No data available

**10.2 Chemical stability** Stable under recommended storage conditions.

**10.3 Possibility of hazardous reactions** No data available

**10.4 Conditions to avoid** No data available

**10.5 Incompatible materials** No data available

**10.6 Hazardous decomposition products Other decomposition products** No data available. In the event of fire: see section 5.

### Section 11 TOXICOLOGY INFORMATION

**11.1 Information on toxicological effects**

#### Acute toxicity

<table>
<thead>
<tr>
<th>Product/ingredient name</th>
<th>Result</th>
<th>Species</th>
<th>Dose</th>
<th>Exposure</th>
</tr>
</thead>
<tbody>
<tr>
<td>Propylene Glycol</td>
<td>LD50 Oral</td>
<td>Rat</td>
<td>2000 mg/kg</td>
<td>-</td>
</tr>
<tr>
<td></td>
<td>LD50 Dermal</td>
<td>Rabbit</td>
<td>20,800 mg/kg</td>
<td>-</td>
</tr>
<tr>
<td>Glyceryl Stearate</td>
<td>Not determined</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Stearic Acid</td>
<td>LD50 Oral</td>
<td>Rat</td>
<td>&gt;2000 mg/kg</td>
<td>-</td>
</tr>
<tr>
<td></td>
<td>LD50 Dermal</td>
<td>Rabbit</td>
<td>&gt;5000 mg/kg</td>
<td>-</td>
</tr>
<tr>
<td></td>
<td>Skin</td>
<td>Rabbit</td>
<td>No irritation</td>
<td>24 hours</td>
</tr>
<tr>
<td>Cetyl Alcohol</td>
<td>LD50 Oral</td>
<td>Rat</td>
<td>&gt;5000 mg/kg</td>
<td>-</td>
</tr>
<tr>
<td></td>
<td>LD50 Dermal</td>
<td>Rabbit</td>
<td>&gt;2600 mg/kg</td>
<td>-</td>
</tr>
</tbody>
</table>

**Conclusion/Summary:** Not available.

#### Irritation/Corrosion

<table>
<thead>
<tr>
<th>Product/ingredient name</th>
<th>Result</th>
<th>Species</th>
<th>Exposure</th>
</tr>
</thead>
<tbody>
<tr>
<td>Propylene Glycol</td>
<td>Skin - no irritant</td>
<td>Rabbit</td>
<td>24 hours</td>
</tr>
<tr>
<td>Glyceryl Stearate</td>
<td>Not determined</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Stearic Acid</td>
<td>Skin – mild irritation</td>
<td>Human</td>
<td>7 days</td>
</tr>
<tr>
<td>Cetyl Alcohol</td>
<td>Skin – no irritation</td>
<td>Rabbit</td>
<td>4 hours</td>
</tr>
</tbody>
</table>

**Conclusion/Summary:** Not available.

#### Sensitization

**Conclusion/Summary:** Not available.

<table>
<thead>
<tr>
<th>Product/ingredient name</th>
<th>Result</th>
<th>Species</th>
<th>Test</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cetyl Alcohol</td>
<td>No skin sensitization</td>
<td>Guinea pig</td>
<td>Maximisation Test</td>
</tr>
</tbody>
</table>
**Mutagenicity Conclusion/Summary:** Not available.

<table>
<thead>
<tr>
<th>Product/ingredient name</th>
<th>Result</th>
<th>Species</th>
<th>Test</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cetyl Alcohol</td>
<td>negative</td>
<td>S. typhimurium</td>
<td>Ames Test</td>
</tr>
</tbody>
</table>

**Carcinogenicity Conclusion/Summary:**

- **IARC:** No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.
- **ACGIH:** No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.
- **NTP:** No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.
- **OSHA:** No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

**Reproductive toxicity Conclusion/Summary:** Not available.

**Teratogenicity Conclusion/Summary:** Not available.

**Specific target organ toxicity (single exposure):** Not available.

**Specific target organ toxicity (repeated exposure):** Not available.

**Aspiration hazard:** Not available.

**Information on the likely routes of exposure:** Not available.

### Section 12  ECOLOGICAL INFORMATION

#### 12.1 Toxicity

<table>
<thead>
<tr>
<th>Product/ingredient name</th>
<th>Result</th>
<th>Species</th>
<th>Exposure</th>
</tr>
</thead>
<tbody>
<tr>
<td>Propylene Glycol</td>
<td>Mortality NOEC 52,930 mg/l</td>
<td>Pimephales promelas (Fathead minnow)</td>
<td>96 hours</td>
</tr>
<tr>
<td></td>
<td>Mortality NOEC 13,020 mg/l</td>
<td>Daphnia (water flea)</td>
<td>48 hours</td>
</tr>
<tr>
<td></td>
<td>EC50 &gt;10,000 mg/l</td>
<td>Daphnia (water flea)</td>
<td>48 hours</td>
</tr>
<tr>
<td>Stearic Acid</td>
<td>No data available</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Cetyl Alcohol</td>
<td>LC50 &gt;0.04 mg/l</td>
<td>Oncorhynchus mykiss (rainbow trout)</td>
<td>96 hours</td>
</tr>
<tr>
<td></td>
<td>Remarks: Aquatic toxicity is unlikely due to low solubility</td>
<td>Desmodesmus subspicatus (Scenedesmus subspicatus)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>EC50 &gt;1,000 mg/l</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Conclusion/Summary:** Not available.

#### 12.2 Persistence and degradability

<table>
<thead>
<tr>
<th>Product/ingredient name</th>
<th>Test</th>
<th>Result</th>
<th>Dose</th>
<th>Inoculum</th>
</tr>
</thead>
<tbody>
<tr>
<td>Propylene Glycol</td>
<td>-</td>
<td>Not determined</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Stearic Acid</td>
<td>-</td>
<td>Not determined</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Cetyl Alcohol</td>
<td>OECD Test Guideline 301B</td>
<td>82.4% - 28 days</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

#### 12.3 Bioaccumulative potential

<table>
<thead>
<tr>
<th>Product/ingredient name</th>
<th>Aquatic half-life</th>
<th>Photolysis</th>
<th>Biodegradability</th>
</tr>
</thead>
<tbody>
<tr>
<td>Propylene Glycol</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Stearic Acid</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Cetyl Alcohol</td>
<td>-</td>
<td>-</td>
<td>Readily biodegradable</td>
</tr>
</tbody>
</table>

**Conclusion/Summary:** Not available.

#### 12.4 Mobility in soil
12.5 Results of PBT and vPvB assessment
PBT: Not available.
vPvB: Not available.

12.6 Other adverse effects: No known significant effects or critical hazards.

Section 13 DISPOSAL CONSIDERATIONS

The information in this section contains generic advice and guidance. The list of Identified Uses in Section 1 should be consulted for any available use-specific information provided in the Exposure Scenario(s).

13.1 Waste treatment methods

Product
Methods of disposal: Offer surplus and non-recyclable solutions to a licensed disposal company

Hazardous waste: The classification of the product does not meet the criteria for a hazardous waste.

Contaminated Packaging
Methods of disposal: Dispose of as unused product. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible.

Special precautions:

RCRA 40 CFR 261 Classifications: As packaged and after use, it does not meet the criteria of a hazardous waste as defined under the Resource Conservation and Recovery Act (RCRA) 40 CFR 261, since it has neither the characteristics of Subpart C nor is listed in Subpart D.

Federal, State, and Local laws governing disposal of material can differ. Ensure proper disposal compliance with proper authorities before disposal.

Section 14 TRANSPORTATION INFORMATION

U.S. DOT Information
Proper Shipping Name: Non Hazardous Material
Hazard Class: NA

IATA
Proper Shipping Name: NON HAZARDOUS MATERIAL
Hazard Class: NA

IMDG
Proper Shipping Name: NON HAZARDOUS MATERIAL
Hazard Class: NA

Section 15 REGULATORY INFORMATION


CERCLA/Superfund, 40 CFR 117.302: None of the chemicals are CERCLA hazards

SARA Superfund and Reauthorization Act of 1986 Title III sections 302, 311,312 and 313:
Section 302 – Extremely hazardous substances (40 CFR 355): None of the chemicals are Section 302 hazards
Section 311/312 – Material Safety Data Sheet Requirements (40 CFR 370):
By our hazard evaluation, this product is non-hazardous.

Section 313 – List of Toxic Chemicals (40CFC 372):
This product contains the following chemicals (at level of 1% or greater) which are found on the 313 list of Toxic Chemicals. None of the chemicals are 313 Toxic Chemicals
Toxic Substance Control Act (TSCA): **All substances are TSCA listed.**

Resource Conservation and Recovery Act (RCRA 40 CFR 261) Subpart C & D:
Refer to Section 13 for RCRA classification.

Federal Water Pollution Control Act, Clean Water Act, 40 CFR 401.15 (formerly section 307) 40 CFR 116
(formerly section 311)
This product contains the following chemicals which are listed: None of the chemicals are listed

**STATE REGULATIONS:**
California Proposition 65: --- None of the chemicals are on the Proposition 65 list---

**INTERNATIONAL REGULATIONS:**
Canada WHMIS: This product has been classified in accordance with the hazard criteria of the CPR and the MSDS contains all the information required by the CPR.

**5.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**
Substances of very high concern: None of the components are listed.

Annex XVII - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles: Not applicable.

**Other EU regulations Europe inventory:** Not determined.
Seveso III Directive: This product is not controlled under the Seveso III Directive.

<table>
<thead>
<tr>
<th>Danger criteria</th>
</tr>
</thead>
<tbody>
<tr>
<td>Category</td>
</tr>
<tr>
<td>Not applicable</td>
</tr>
</tbody>
</table>

**15.2 Chemical Safety Assessment:** This product contains substances for which Chemical Safety Assessments are still required.

**15.3 Registration status:** Mixture. Information concerning the substance: Contact local supplier or distributor.

**Sections 16**

**OTHER INFORMATION**

Product label warnings are as follows (Comparable CHIP Safety & Risk phrases are noted):

**No Safety Phrases are noted**

**NFPA HAZARD RATING:**
Health: No hazard
Fire: Will not burn
Reactivity: Stable

**REVISION DATES, SECTIONS, REVISED BY:**
22-Feb-94, Original release date
30-June-08 Revised sections 1, 9, and 15, mkb
9-Oct-09 New address, EU format, mkb
3-Mar-11 revised sections 9, mkb
01-Jan-14 Added part numbers, mkb
27-Jan-15 Reviewed GHS, mkb
18-Jun-15 Reviewed GHS elements, mkb
ABBREVIATIONS USED IN THIS DOCUMENT:
NE – Not Established, NA – Not Applicable, NIF – No Information Found

ABRIDGED LIST OF REFERENCES:
- Code of Federal Regulations (CFR)
- The Sigma-Aldrich Library of Regulatory and Safety Data
- Chemical Guide and OSHA Hazardous Communication Standard
- The Environmental Protection Agency (www.epa.gov)
- Merck Index

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