

## 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

*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. 49<sup>th</sup> Place  
Chicago, IL 60609  
PH: (01) 847.981.9212 [U.S.A.]  
FAX: (01) 847.981.9278 [U.S.A.]

*Email of responsible party for SDS:* [marykay@aclstaticide.com](mailto:marykay@aclstaticide.com)

*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

*GHS Classification in accordance with 29 CFR 1910 (OSHA HCS)*

#### 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

<b>Section 3</b>	<b>COMPOSITION / INFORMATION ON INGREDIENTS</b>
------------------	---

Substance/Mixture : Mixture

CHEMICAL	CAS	RISK	WEIGHT %
Deionized Water	7732-18-5	Not classified	73 – 78
Propylene Glycol	57-55-6	Not classified	3 - 7
Glyceryl Stearate	11099-07-3	Not classified	3 – 7
Stearic Acid	57-11-4	Not classified	< 5
Cetyl Alcohol	36653-82-4	Not classified	< 5

<b>Section 4</b>	<b>FIRST AID MEASURES</b>
------------------	---------------------------

**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

<b>Section 5</b>	<b>FIRE FIGHTING MEASURES</b>
------------------	-------------------------------

**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

<b>Section 6</b>	<b>ACCIDENTAL RELEASE MEASURES</b>
------------------	------------------------------------

**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.

<b>Section 7</b>	<b>HANDLING AND STORAGE</b>
------------------	-----------------------------

**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

<b>Section 8</b>	<b>EXPOSURE CONTROL / PERSONAL PROTECTION</b>
------------------	---

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**

Product/ingredient name	Exposure limit values
Propylene Glycol	Contains no substances with occupational exposure limit values
Glyceryl Stearate	
Stearic Acid	
Cetyl Alcohol	

**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.

<b>Section 9</b>	<b>PHYSICAL AND CHEMICAL PROPERTIES</b>
------------------	---

**9.1 Information on basic physical and chemical properties**

Appearance	Light blue cream
Odor	Clean, pleasant
pH	5 – 7.0

Melting point/freezing point	NA
Initial boiling point and boiling range	NA
Flash point and method	None
Evaporation rate	NA
Flammability (solid, gas, liquid)	NA
Upper/lower flammability or explosive limits	NA
Vapor pressure	NA
Vapor density (air=1)	NA
Relative density	.990 - .998 grams/lb (average)
Solubility(ies).	Complete
Partition coefficient: n-octanol/water	NA
Autoignition temperature	NA
Decomposition temperature	NE
Viscosity	25'000 – 35'000 cP
Volatile by weight	NA

## 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 and 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

Product/ingredient name	Result	Species	Dose	Exposure
Propylene Glycol	LD50 Oral	Rat	2000 mg/kg	-
	LD50 Dermal	Rabbit	20,800 mg/kg	-
Glyceryl Stearate	Not determined			
Stearic Acid	LD50 Oral	Rat	>2000 mg/kg	-
	LD50 Dermal	Rabbit	>5000 mg/kg	-
	Skin	Rabbit	No irritation	24 hours
Cetyl Alcohol	LD50 Oral	Rat	>5000 mg/kg	-
	LD50 Dermal	Rabbit	> 2600 mg/kg	-

**Conclusion/Summary :** Not available.

#### Irritation/Corrosion

Product/ingredient name	Result	Species	Exposure
Propylene Glycol	Skin - no irritant	Rabbit	24 hours
Glyceryl Stearate	Not determined		
Stearic Acid	Skin – mild irritation	Human	7 days
Cetyl Alcohol	Skin – no irritation	Rabbit	4 hours

**Conclusion/Summary :** Not available

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

Product/ingredient name	Result	Species	Test
Cetyl Alcohol	No skin sensitization	Guinea pig	Maximisation Test

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

Product/ingredient name	Result	Species	Test
Cetyl Alcohol	negative	S. typhimurium	Ames Test

**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

Product/ingredient name	Result	Species	Exposure
Propylene Glycol	Mortality NOEC 52,930 mg/l	Pimephales promelas (Fathead minnow)	96 hours
	Mortality NOEC 13,020 mg/l	Daphnia (water flea)	48 hours
	EC50 >10,000 mg/l	Daphnia (water flea)	48 hours
Stearic Acid	No data available		
Cetyl Alcohol	LC50 >.04 mg/l Remarks: Aquatic toxicity is unlikely due to low solubility	Oncorhynchus mykiss (rainbow trout)	96 hours
	EC50 >1,000 mg/l	Desmodesmus subspicatus (Scenedesmus subspicatus)	96 hours

**Conclusion/Summary :** Not available.

### 12.2 Persistence and degradability

Product/ingredient name	Test	Result	Dose	Inoculum
Propylene Glycol	-	Not determined	-	-
Stearic Acid	-	Not determined	-	-
Cetyl Alcohol	OECD Test Guideline 301B	82.4% - 28 days	-	-

Product/ingredient name	Aquatic half-life	Photolysis	Biodegradability
Propylene Glycol	-	-	-
Stearic Acid	-	-	-
Cetyl Alcohol	-	-	Readily biodegradable

**Conclusion/Summary :** Not available.

### 12.3 Bioaccumulative potential

Product/ingredient name	LogP <sub>ow</sub>	BCF	Potential
-------------------------	--------------------	-----	-----------

Cetyl Alcohol	-	1230	-
---------------	---	------	---

#### 12.4 Mobility in soil

**Soil/water partition coefficient (K<sub>oc</sub>):** Not available.

**Mobility:** Not available.

#### 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

US Federal Regulations: SDS complies with the OSHA Hazard Communication Rule, 29 CFR 1910.1200.

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 (40CFR 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**

**EU Regulation (EC) No. 1907/2006 (REACH) Annex XIV - List of substances subject to authorization**

**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.

**Danger criteria**

Category
Not applicable

**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
28-Feb-17	Section 3, corrected CAS, mkb
26-Dec-19	Sec 9, fixed typos, 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](http://www.epa.gov))
- ANSI Standard: ANSI Z400.1-1998
- Merck Index

To the best of our knowledge, the information contained herein is accurate. **However, neither ACL STATICIDE nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein.** Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards which exist.