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Safety Data Sheet

According to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations.
According to Regulation (EC) No 1272/2008 - classification, labelling and packaging of substances and mixtures (CLP) and Annex II of Regulation (EC) No 1907/2006.

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. 49th 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

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] & (US) OSHA HCS 2012:

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*

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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

CHEMICAL	CAS	RISK	WEIGHT %
Deinonized 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

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.

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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

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.

Section 9 PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Appearance	Light blue cream
Odor	Clean, pleasant

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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 LD50 Dermal	Rat Rabbit	2000 mg/kg 20,800 mg/kg	- -
Glyceryl Stearate	Not determined			
Stearic Acid	LD50 Oral LD50 Dermal Skin	Rat Rabbit Rabbit	>2000 mg/kg >5000 mg/kg No irritation	- - 24 hours
Cetyl Alcohol	LD50 Oral LD50 Dermal	Rat Rabbit	>5000 mg/kg > 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

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

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Product/ingredient name	$LogP_{ow}$	BCF	Potential
Cetyl Alcohol	-	1230	-

12.4 Mobility in soil
Soil/water partition coefficient (K_{OC}): 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 defied 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):

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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
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

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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
28-July-23	Reviewed all sections, 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)
ANSI Standard: ANSI Z400.1-1998
Merck Index

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