

Safety Data Sheet

According to Regulation (EU) No. 2015/830 [CLP/GHS] & (US) OSHA HCS 29 CFR 1910.1200 rev.2012:

Section 1 CHEMICAL PRODUCT and COMPANY IDENTIFICATION

1.1 Identification: Product Name: STATICIDE® Hand Sanitizer
Product Number: # 7010
CAS#: Mixture (see section 3)

1.2 Product description: Pocket-sized portable hand sanitizer
Product type: Hand Sanitizer
Application: Industrial and Professional applications

1.3 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

1.4 Emergency telephone:
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

Classification according to Regulation (EC) No. 1272/2008 [CLP/GHS] & (US) OSHA HCS/HazCom 2012:

2.1 Classification of the substance or mixture

Product definition: Mixture

Percentage of mixture consisting of ingredients of unknown toxicity: < 1%

PHYSICAL/CHEMICAL HAZARDS: flammable liquid and vapor– Category 3

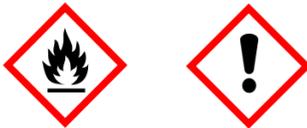
HUMAN HEALTH HAZARDS: Serious eye damage / eye irritation - Category 2A

ENVIRONMENTAL HAZARDS: Not classified

See Section 11 for more detailed information on health effects and symptoms.

2.2 Label elements

Hazard pictograms:



Signal word: Warning

Hazard statements: H226 Flammable liquid and vapor
H319 Causes serious eye irritation

Precautionary statements

Prevention:

Keep out of reach of children (P102)

Keep away from heat/sparks/open flames/hot surfaces. No Smoking. (P210)

Keep container tightly closed. (P233)

Use explosion-proof electrical/ ventilating/ lighting/ equipment. (P241)

Use non-sparking tools (P242)

Take action to prevent static discharges (P243)
Wash hands thoroughly after handling (P264)
Wear protective gloves/protective clothing/eye protection/face protection (P280)

Response:

IF ON SKIN (or hair): Remove/ Take off immediately all contaminated clothing. Rinse skin with water/ shower (P303, P361, P353)
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. (P305, P351, P338)
If eye irritation persists: get medical attention. (P337, P313)

Precautionary Statements – Storage:

Store in a well-ventilated place. Keep container tightly closed (P403+P233)

Precautionary Statements – Disposal: Dispose of contents/container to comply with local, state and federal regulations (P501)

2.3 Other Hazard: None known

Section 3	COMPOSITION / INFORMATION ON INGREDIENTS
------------------	---

3.1 Substances

Substance/Mixture : Mixture

CHEMICAL	CAS	Weight %	GHS Classification
Deionized water	7732-18-5	30 - 40	Not classified
Ethyl Alcohol	64-17-5	60 - 65	Flam. Liq. 2, H225 Eye Irrit. 2A, H319 STOT SE 1, H370
Triethanolamine	102-71-6	< 1	Not classified
Propylene Glycol	57-55-6	< 1	Not classified

Section 4	FIRST AID MEASURES
------------------	---------------------------

4.1.1 General Information: If exposed or concerned: Get medical advice/attention

4.1.2 Inhalation: Remove to fresh air. Seek medical attention.

4.1.3 Skin: Flush contaminated skin with plenty of water. Seek immediate medical attention if symptoms occur.

4.1.4 Eyes: Check for and remove any contact lenses. Flush eyes with large amounts of water for 15 minutes. Cold water may be used. Get medical attention.

4.1.5 Ingestion: DO NOT INDUCE VOMITING. Never give anything by mouth to an unconscious person. Consult a physician.

4.1.6 Self-protection of the first aider: First Aid responders should pay attention to self-protection, and use the recommended personal protective equipment when the potential for exposure exists.

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

Eye contact: Causes serious eye irritation.
See label for important hazards.

4.3: Indication of any immediate medical attention and special treatment needed: Treat symptomatically.

Section 5	FIRE FIGHTING MEASURES
------------------	-------------------------------

5.1 Extinguishing Media

Water spray
Alcohol-resistant foam
Dry chemical
Carbon dioxide (CO₂)
Unsuitable extinguishing media: High volume water jet

5.2 Specific hazards arising from substance or mixture

Do not use a solid water stream as it may scatter and spread fire.
Flash back possible over considerable distance.
Vapors may form explosive mixtures with air.
Exposure to combustion products may be a hazard to health.
Hazardous combustion products: Carbon oxides

5.3 Advice from fire fighters

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. Use water spray to cool unopened containers. Remove undamaged containers from fire area if it is safe to do so. Evacuate area. In the event of fire, wear self-contained breathing apparatus. Use personal protective equipment. Remove all sources of ignition.

Section 6	ACCIDENTAL RELEASE MEASURES
------------------	------------------------------------

6.1 Personal precautions, protective equipment and emergency procedures

For non-emergency personnel: Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Shut off all ignition sources. No flares, smoking or flames in hazard area. Avoid breathing vapor or mist. Provide adequate ventilation.
For emergency responders: If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials

6.2 Environmental precautions Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

6.3 Methods and material or containment and cleaning up

6.3.1 For containment: Stop leak if without risk. Absorb with DRY earth, sand or other non-combustible material. Do not touch spilled material.

6.3.2 For cleaning up Floor may become slippery. Dike and contain large spills with inert material and transfer for disposal. Thoroughly wash the area with water after a spill or leak.

6.3.3 Other information: Keep away from heat. Keep away from sources of ignition.

6.4 Reference to other sections: For personal protection, see Section 8

Section 7	HANDLING AND STORAGE
------------------	-----------------------------

7.1 Precautions for safe handling:

Keep away from sources of ignition. No smoking. Avoid contact with eyes. Keep container closed.

7.2 Conditions for safe storage including incompatibilities:

Keep out of the reach of children. Store upright and in original container. Keep container closed during storage. Do not store at temperatures above 120F /49°C. Follow all SDS and Label warnings even after container is emptied.

7.3 Specific end use(s): For external use only. Spray into one palm. Rub two palms together and spread throughout the hand.

Section 8	EXPOSURE CONTROL / PERSONAL PROTECTION
------------------	---

8.1 Control parameters

Occupational exposure limits

ingredient name	OSHA	ACGIH TLV	NIOSH REL	UK
Ethyl Alcohol 64-17-5	1000 ppm TWA ; 1900 Mg/m ³	1000 ppm TWA 1000 ppm STEL	1000 ppm TWA 1900 Mg/m ³	1000 ppm TWA ; 1920 mg/m ³ 3000 ppm WEL-STEL ; 5760 mg/m ³ STEL

Recommended monitoring procedures: Not established

DNELs/DMELs: No DNELs/DMELs available.

PNECs: No PNECs available

8.2 Exposure controls:

8.2.1 Appropriate engineering controls No special ventilation and engineering controls are required for handling of this product.

8.2.2 Personal protective equipment No special requirements with normal household use.

8.2.2.1 Eye and face protection No special requirements with normal household use. Avoid contact with eyes. Wear safety glasses or goggles if handling large quantities.

8.2.2.2 Skin protection No special requirements with normal household use. Wear gloves if handling in large bulk quantities.

8.2.2.3 Respiratory protection No special ventilation and engineering controls are required for handling of this product.

8.2.2.4 Thermal hazards : Wear appropriate thermal protective clothing if handling large bulk quantities.

Control of environmental exposure: Prevent further leakage or spillage if safe to do so. Do not let product enter drains.

In case of large spill: Treat as a flammable liquid

Section 9	PHYSICAL AND CHEMICAL PROPERTIES
------------------	---

9.1 Information on basic physical and chemical properties

Appearance	Colorless Gel
Odor	Alcohol
pH	NA
Melting point/freezing point	N.D
Initial boiling point and boiling range	85C / 185F
Flash point and method	24C / 75F TCC
Evaporation rate	N. D.
Flammability (solid, gas, liquid)	Liquid
Upper/lower flammability or explosive limits	ND
Vapor pressure	N.D
Vapor density (air=1)	N.D.
Relative density	N.D.
Solubility(ies).	Complete
Autoignition temperature	No Data
Decomposition temperature	No Data
Viscosity	ND
Volatile by weight	ND

9.2 Other safety information

VOC (wt%)	ND
VOC (lbs/gal)	ND

Section 10 STABILITY AND REACTIVITY

10.1 Reactivity: Stable under recommended storage conditions

10.2 Chemical stability: Stable under recommended storage conditions

10.3 Possibility of hazardous reactions: None under normal conditions. Hazardous polymerization will not occur under normal storage conditions.

10.4 Conditions to avoid: All possible sources of ignition

10.5 Incompatible materials: Strong acids and oxidizing agents

10.6 Hazardous decomposition products: Carbon oxides

Section 11 TOXICOLOGY INFORMATION

11.1 Information on toxicological effects

Acute toxicity

a) Acute toxicity: Mixture not classified (based on available data, the classification criteria are not met)

Product/ingredient name	Result	Species	Dose
Ethyl Alcohol (CAS# 64-17-5)	LD ₅₀ dermal	Rabbit	15,800 mg/kg
	LC ₅₀ inhalation	Rat	> 117 mg/l
	LD ₅₀ Oral	Rat	> 7,060 mg/kg
Triethanolamine (CAS# 102-71-6)	LD ₅₀ Oral	Rat	4.920 mg/kg

Conclusion/Summary : > 5,000 mg/kg (estimated)

b) Skin Irritation/Corrosion: Mixture not classified (based on available data, the classification criteria are not met)

Product/ingredient name	Result	Species	Test
Ethyl Alcohol	Does not cause skin sensitization	Rabbit	24 hours OECD Test Guideline 404

c) Eye Irritation/Corrosion: Mixture not classified (based on available data, the classification criteria are not met)

Product/ingredient name	Result	Species	Test
Ethyl Alcohol	Serious Eye irritation	Rabbit	OECD Test Guideline 405

d) Respiratory or Skin Sensitization: Mixture not classified (based on available data, the classification criteria are not met)

Product/ingredient name	Result	Species	Test
Ethyl Alcohol	Negative in analogy to similar products	Guinea pig	OECD Test Guideline 406

e) Germ Cell Mutagenicity: Mixture not classified (based on available data, the classification criteria are not met)

Product/ingredient name	Result	Species	Test
Ethyl Alcohol	Negative	Salmonella typhimurium	Ames test Method: OECD Test Guideline 478

f) 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.

g) Reproductive toxicity: Ethanol crosses the placenta and can cause acute intoxication of the newborn or teratogenic effects, including fetal alcohol syndrome.

h) STOT-single exposure: Mixture not classified (based on available data, the classification criteria are not met)

i) STOT-repeated exposure: Mixture not classified (based on available data, the classification criteria are not met)

j) Aspiration Hazard: Mixture not classified (based on available data, the classification criteria are not met)

11.1.5 Primary route(s) of exposure/entry:

Eye Contact: Causes serious eye irritation

Skin Contact: Health injuries not known. Use good housekeeping practices

Inhalation: Not a normal route of exposure. Do not inhale

Ingestion: Not a normal route of exposure. Do not ingest

11.1.6 Symptoms related to the physical, chemical and toxicological characteristics

Eye contact: May include pain, irritation, watering, or redness

Inhalation: Not a normal route of exposure

Skin contact: No symptoms expected

Ingestion: Not a normal route of exposure.

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

Short term exposure: No data available

Long term exposure: No data available

Potential chronic health effects: No data available

11.1.8 Interactive effects: No data available

11.1.9 Absence of specific data: Only hazardous or classified substances are listed in section 11.

11.1.10 Mixtures : Mixture is not toxic. See sections 5 and 10 for reactions.

11.1.11 Mixture versus substance information : Only hazardous or classified substances are listed in section

11.1.12 Other information:

The use of this product by consumer is safe under normal and reasonable foreseen use.

Section 12

ECOLOGICAL INFORMATION

12.1 Toxicity

Product/ingredient	
Ethyl Alcohol (CAS# 64-17-5)	LC50=14.2mg/L (Pimephales Promelas, 96h) LC50=12,900mg/L(Oncorhynchus Mykiss, 96h) EC50=9,268 mg/L (Daphnia magna, 48h)

12.2 Persistence and degradability Not determined.

12.3 Bioaccumulative potential Anticipated to be rapidly biodegradable.

12.4 Mobility in soil

Soil/water partition coefficient (K_{oc}): Not determined.

Mobility: Not determined.

12.5 Results of PBT and vPvB assessment

PBT: Not determined. **vPvB:** Not determined.

12.6 Other adverse effects: No data

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

13.1.1 Product / Packing Disposal

Product

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

Hazardous waste: RCRA 40 CFR 261 Classifications: Code D001 Ignitable Waste

Contaminated Packaging

Methods of disposal: Dispose of this container to hazardous or special waste collection point. Empty containers retain product residue, (liquid and/or vapor), and can be dangerous. Keep product and empty container away from heat and sources of ignition.

13.1.2 Waste treatment-relevant information: The product should not be allowed to enter drains, water courses or the soil

13.1.3 Sewage disposal-relevant information: Avoid release to the environment

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

Section 14 TRANSPORTATION INFORMATION

	Proper Shipping Name	Hazard Class	Packing Group	UN number	Limitations
US DOT ground	Consumer Commodity	ORM-D	NA	NA	NA
US DOT air	Solids containing flammable liquid, N.O.S. (Contain Ethanol)	3	III	1993	NA
IATA	Solids containing flammable liquid, N.O.S. (Contain Ethanol)	3	III	1993	NA
IMDG	Solids containing flammable liquid, N.O.S. (Contain Ethanol)	3	III	1993	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:

Chemical Name	Hazardous Substances RQs	CERCLA/SARA RQ	Reportable Quantity (RQ)
No CERCLA chemicals	---	---	--

Section 302 – None of the chemicals are extremely hazardous substances (40 CFR 355).

Section 311/312 – Safety Data Sheet Requirements (40 CFR 370):

Chemical Name	%	Fire	Sudden release of pressure	Reactive	Immediate (acute) health hazard	Delayed (chronic) health hazard
Ethyl alcohol CAS 64-17-5	< 65	Yes	No	No	Yes	Yes
Triethanolamine 102-71-6	< 1	No	No	No	No	Yes

SARA Section 313: No chemicals listed.

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.**

STATE REGULATIONS:

The following chemicals are specifically listed by individual state; other product specific health and safety data in other sections of the SDS may also be applicable for state requirements. For details on your regulatory requirements you should contact the appropriate agency in your state

Chemical Name	New Jersey	Massachusetts	Pennsylvania
Ethyl alcohol CAS 64-17-5	X	X	X

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

INTERNATIONAL REGULATIONS:

CANADA WHMIS:

This SDS is written in accordance to the Hazardous Products Regulation (HPR) SOR/2015-17, schedule 1. This product has been classified in accordance with the Hazardous Products Regulation (HPR).

All Intentionally present components are listed on the DSL

Ingredient Disclosure List (SOR/88-64):					
English	French	Substance	CAS	Threshold	Present in product
684	805	Ethyl alcohol	64-17-5	0.1	60-65

15.1 Safety, health and environmental regulations / legislation specific for the substance or mixture

EUROPEAN UNION: European Union: Take note of Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work.

SDS complies with Regulation (EU) No. 2015/830 [CLP/GHS]

Regulation (EC) No 1005/2009 Ozone-depleting substances (ODS): Not chemicals listed.

Regulation (EC) No 649/2012, Annex 1, Chemicals subject to PIC: No chemicals listed

Regulation (EC) No 850/2004, Annex 1: No persistent organic pollutants present.

Directive 96/82/EC Seveso III, Annex 1:

Part 1- This product is not categorized as a dangerous substance.

Part 2- No chemicals listed.

REACH Directive EC1907/2006 Annex II and GHS requirements: To the best of our ability, this SDS is written in accordance to the requirements. This product is not subject to REACH restrictions. It does not contain substances that are candidates on the SvHC.

Chemical Name	TSCA	DSL	ENCS	IECSC	KECL	PICCS	AICS
Ethyl alcohol CAS 64-17-5	x	X	x	X	x	X	X

15.2 Chemical Safety Assessment: No chemical safety assessment has been carried out

Sections 16 OTHER INFORMATION

NFPA HAZARD RATING:

Fire: Flammable over 73F

Health: Can cause significant irritation

Reactivity: stable

Special Hazard: none



HMIS III

Health: Temporary or minor injury may occur

Flammability: Moderate Hazard

Physical Hazard: Stable

Protective Equipment: None

2	HEALTH
3	FLAMMABILITY
0	PHYSICAL HAZARD
0	PROTECTIVE EQUIPMENT

REVISION DATES, SECTIONS, REVISED BY:

18-Sept-20, Original release, Mary Kay Botkins

ABBREVIATIONS USED IN THIS DOCUMENT:

NE – Not Established, NA – Not Applicable, NIF – No Information Found

ABRIDGED LIST OF REFERENCES:

[1] Commission Regulation (EU) No. 2015/830 REACH/GHS [Online] 29.5.2015 accessed July, 20, 2020

<https://eur-lex.europa.eu/legalcontent/EN/TXT/HTML/?uri=CELEX:32015R0830&from=EN>

[2] Environmental Protection Agency (www.epa.gov)

[3] Ethyl alcohol, Pure; SDS No. 459844 [Print]; Sigma-Aldrich: St. Louis, MO USA, April 03, 2020, accessed Aug. 29, 2020.

[4] Ethanol, absolute; SDS No. 64-17-5 [Print]; Thermo Fisher Scientific: Leicestershire UK, Feb 14, 2019, accessed Sept. 18, 2020.

[5] OSHA HCS 29 CFR 1910.1200 [Online], www.osha.gov/dsg/hazcom/ghosacomparison.html

[6] Substances restricted under REACH [Online] ECHA Helsinki, Finland <https://echa.europa.eu/substances-restricted-under-reach>
10 August 2020, accessed Sept 17, 2020.

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.