



Soft 'N Sure® Antiseptic Hand Gel

Safety Data Sheet

According to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations
Date of issue: 12/19/2016

Version: 1.0

SECTION 1: Identification

1.1. Product Identifier

Product Form: Mixture
Product Name: Soft 'N Sure® Antiseptic Hand Gel
Product Code: 1445

1.2. Intended Use of the Product

Use of the substance/mixture: Hand Sanitizer.
For professional use only.

1.3. Name, Address, and Telephone of the Responsible Party

Company
STERIS Corporation
Official Mailing Address:
P.O. Box 147
St. Louis, MO 63166 USA

Street Address:
7501 Page Avenue
St. Louis, MO 63133 USA

Telephone Number for Information: 1-800-548-4873 (Customer Service-Healthcare Products)
web: www.steris.com
email: asksteris_msds@steris.com

1.4. Emergency Telephone Number

Emergency Number : 1-314-535-1395 or CHEMTREC: 1-800-424-9300

SECTION 2: Hazards Identification

2.1. Classification of the Substance or Mixture

Classification (GHS-US)

Flam. Liq. 3 H226

2.2. Label Elements – This product is regulated by the FDA and is exempt from GHS labeling.

FDA Product Labeling : This product is regulated by the FDA, therefore, the requirements for product labeling do not fall under the jurisdiction of the OSHA Hazard Communication Standard according to 29 CFR 1910.1200.

Hazard Pictograms (GHS-US) :



GHS02

Signal Word (GHS-US) : Danger
Hazard Statements (GHS-US) : H226 - Flammable liquid and vapor.
Precautionary Statements (GHS-US) : P210 - Keep away from sparks, open flames, heat, hot surfaces. - No smoking.
P233 - Keep container tightly closed.
P243 - Take precautionary measures against static discharge.
P303+P362+P353 – IF ON SKIN (or hair): Take off immediately all contaminated clothing.
Rinse skin with water.

2.3. Other Hazards

Not applicable

2.4. Unknown Acute Toxicity (GHS-US)

No data available

SECTION 3: Composition/information On Ingredients

3.1. Substance

Not applicable

3.2. Mixture

Name	Product identifier	%	Classification (GHS-US)
Ethyl alcohol 65% v/v	(CAS No) 64-17-5	50 – 100	Trade Secret
Benzophenone-4	(CAS No) 4065-45-6	0-10	Trade Secret
Carbomer	(CAS No) 9003-01-4	0-10	Trade Secret
Fragrance	Fragrance	0-10	Trade Secret
Glycerin	(CAS No) 56-81-5	0-10	Trade Secret
Isopropyl Myristate	(CAS No) 110-27-0	0-10	Trade Secret
Propylene Glycol	(CAS No) 57-55-6	0-10	Trade Secret

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Tocopheryl Acetate	(CAS No) 7695-91-2	0-10	Trade Secret
Water	(CAS No) 7732-18-5	10-50	Trade Secret

The exact percentage (concentration) of composition has been withheld as a trade secret.

Full text of H-phrases: see section 16

SECTION 4: First Aid Measures

4.1. Description of First Aid Measures

First-aid Measures General: Ensure that medical personnel are aware of material(s) involved, take precautions to protect themselves and prevent spread of contamination.

First-aid Measures After Eye Contact: Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Keep eye wide open while rinsing. Do not rub affected area. Remove contact lenses, if present and easy to do so.

First-aid Measures After Skin Contact: If skin irritation or allergic reactions occur, see a physician.

First-aid Measures After Inhalation: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, (trained personnel should) give oxygen.

First-aid Measures After Ingestion: Rinse mouth immediately and drink plenty of water. Never give anything by mouth to an unconscious person..

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

Symptoms/Injuries: No information available.

Symptoms/Injuries After Inhalation: No information available.

Symptoms/Injuries After Skin Contact: No information available.

Symptoms/Injuries After Eye Contact: No information available.

Symptoms/Injuries After Ingestion: No information available.

Chronic Symptoms: None known.

4.3. Indication of Any Immediate Medical Attention and Special Treatment Needed

If you feel unwell, seek medical advice (show the label where possible).

SECTION 5: Fire-Fighting Measures

5.1. Extinguishing Media

Suitable Extinguishing Media: Dry chemical. Carbon dioxide (CO₂). Water spray. Alcohol resistant foam.

Unsuitable Extinguishing Media: CAUTION: Product has a very low flash point. Use of water spray when fighting fire may be inefficient.

5.2. Special Hazards Arising From the Substance or Mixture

Fire Hazard: Vapors may travel to source of ignition and flash back. Most vapors are heavier than air. They will spread along ground and collect in low or confined areas (sewers, basements, tanks). Vapor explosion hazard indoors, outdoors or in sewers. Runoff to sewer may create fire or explosion hazard.

Explosion Hazard: Vapors can form explosive mixtures with air.

Reactivity: Hazardous reactions will not occur under normal conditions.

5.3. Advice for Firefighters

Firefighting Instructions: Uniform Fire Code: Flammable Liquid: I-B

Protection During Firefighting: Do not enter fire area without proper protective equipment, including respiratory protection. Wear self-contained breathing apparatus when entering area unless atmosphere is proved to be safe.

Hazardous Combustion Products: Carbon oxides (CO, CO₂).

SECTION 6: Accidental Release Measures

6.1. Personal Precautions, Protective Equipment and Emergency Procedures

General Measures: Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). All equipment used when handling the product must be grounded. Do not touch or walk through spilled material. Stop leak if you can do it without risk.

6.1.1. For Non-emergency Personnel

Protective Equipment: Use appropriate personal protection equipment (PPE).

Emergency Procedures: Move containers from fire area if you can do it without risk.

6.1.2. For Emergency Responders

Protective Equipment: Equip cleanup crew with proper protection.

Emergency Procedures: Water spray may reduce vapors; but may not prevent ignition in closed areas.

6.2. Environmental Precautions

Prevent entry to waterways, sewers, basements and other confined areas.

6.3. Methods and Material for Containment and Cleaning Up

For Containment: A vapor suppressing foam may be used to reduce vapors. Absorb or cover with dry earth, sand or other non-combustible material and transfer to containers.

Methods for Cleaning Up: Use clean non-sparking tools to collect absorbed material. Dike far ahead of liquid spill for later disposal. Soak up with inert absorbent material. Pick up and transfer to properly labeled containers.

6.4. Reference to Other Sections

See Section 8: Exposure Controls and Personal Protection.

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SECTION 7: Handling And Storage

7.1. Precautions for Safe Handling

Handle bulk material in accordance with good industrial hygiene and safety practice. Use personal protection equipment. Avoid breathing vapors or mists. Keep away from heat/sparks/open flames/hot surfaces. No smoking. Use grounding and bonding connections when transferring this material to prevent static discharge, fire or explosion. Use with local exhaust ventilation. Use spark-proof tools and explosion-proof equipment. Keep in an area equipped with sprinklers. Use according to package label instructions. Avoid contact with skin, eyes or clothing.

7.2. Conditions for Safe Storage, Including Any Incompatibilities

Technical Measures: Not applicable.

Storage Conditions: Keep containers tightly closed in a dry, cool and well-ventilated place. Keep away from heat, sparks, flame and other sources of ignition (i.e., pilot lights, electric motors and static electricity) Keep in properly labeled containers. Do not store near combustible materials.

Keep in an area equipped with sprinklers. Store in accordance with the particular national regulations. Store in accordance with local regulations.

Incompatible Products: None known based on information supplied.

7.3. Specific End Use(s) No additional information available

Hand Sanitizer.

For professional use only.

SECTION 8: Exposure Controls/personal Protection

8.1. Control Parameters

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Ethyl Alcohol 65% v/v 64-17-5	STEL: 1000 ppm	TWA: 1000 ppm TWA: 1900 mg/m ³ (vacated) TWA: 1000 ppm (vacated) TWA: 1900 mg/m ³	IDLH: 3300 ppm 10% LEL TWA: 1000 ppm TWA: 1900 mg/m ³
Glycerin 56-81-5	TWA: 10 mg/m ³ mist	TWA: 15 mg/m ³ mist, total particulate TWA: 5 mg/m ³ mist, respirable fraction (vacated) TWA: 10 mg/m ³ mist, total particulate (vacated) TWA: 5 mg/m ³ mist, respirable fraction	

ACGIH TLV: American Conference of Governmental Industrial Hygienists - Threshold Limit Value OSHA PEL: Occupational Safety and Health Administration - Permissible Exposure Limits Immediately Dangerous to Life or Health

8.2. Exposure Controls

Appropriate Engineering Controls

: Showers. Eyewash stations. Ventilation systems.

Personal Protective Equipment

: Not generally required. The use of personal protective equipment may be necessary as conditions warrant.

SECTION 9: Physical And Chemical Properties

9.1. Information on Basic Physical and Chemical Properties

Physical State	: Liquid gel
Appearance	: Clear, colorless
Odor	: Floral, Alcohol
Odor Threshold	: No data available
pH	: 7.0
Evaporation rate	: No data available
Melting Point	: No data available
Freezing Point	: No data available
Boiling Point	: 78°C/172°C
Flash Point	: 23°C/73°F
Auto-ignition Temperature	: No data available
Decomposition Temperature	: No data available
Flammability (solid, gas)	: No data available
Vapor Pressure	: No data available
Relative Vapor Density at 20 °C	: No data available
Specific Gravity	: No data available
Solubility	: Miscible in water
Partition coefficient: n-octanol/water	: No data available
Viscosity	: No data available
Explosion Data – Sensitivity to Mechanical Impact	: No data available
Explosion Data – Sensitivity to Static Discharge	: No data available

9.2. Other Information

No additional information available

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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:

None under normal processing.

10.4 Conditions to Avoid:

Heat, flames and sparks.

10.5 Incompatible Materials:

None known.

10.6 Hazardous Decomposition Products:

Carbon oxides.

SECTION 11: Toxicological Information

11.1. Information On Toxicological Effects

Acute Toxicity: Not classified

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Ethyl Alcohol 65% v/v 64-17-5	-	-	= 124.7 mg/L (Rat) 4 h
Glycerin 56-81-5	-	> 10 g/kg (Rabbit)	-
Isopropyl Myristate 110-27-0	> 10000 mg/kg (Rat)	= 5 g/kg (Rabbit)	> 41 mg/L (Rat)
Propylene Glycol 57-55-6	= 20000 mg/kg (Rat)	= 20800 mg/kg (Rabbit)	-
Water 7732- 18-5	> 90 mL/kg (Rat)	-	-

Skin Corrosion/Irritation: Not classified

Serious Eye Damage/Irritation: Causes serious eye irritation.

Respiratory or Skin Sensitization: Not classified

Germ Cell Mutagenicity: Not classified

Teratogenicity: No data available

Carcinogenicity: Not classified

Reproductive Toxicity: Not classified

Specific Target Organ Toxicity (Single Exposure): Not classified

Specific Target Organ Toxicity (Repeated Exposure): Not classified

Aspiration Hazard: Not classified

Symptoms/Injuries After Inhalation: Not classified

Symptoms/Injuries After Skin Contact: Not classified

Symptoms/Injuries After Eye Contact: Not classified

Symptoms/Injuries After Ingestion: Not classified

Chronic Symptoms: None known.

SECTION 12: Ecological Information

12.1. Toxicity

Toxic to aquatic life with long lasting effects.

12.2. Persistence and Degradability

No information available.

12.3. Bioaccumulative Potential

No information available.

12.4. Mobility in Soil

No information available

12.5. Other Adverse Effects

No information available.

SECTION 13: Disposal Considerations

13.1. Waste treatment methods

Waste Disposal Recommendations: This material, as supplied, is a hazardous waste according to federal regulations (40 CFR 261).

Additional Information: Dispose of contents/containers in accordance with local regulations.

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SECTION 14: Transport Information

14.1 In Accordance with DOT

Proper Shipping Name : Ethyl alcohol
Hazard Class : 3 ID 8000, 48 x 2 oz. only
Identification Number : UN1170
Label Codes : LTD QTY,
Packing Group : III

14.2 In Accordance with IMDG

Proper Shipping Name : Ethyl alcohol
Hazard Class : 3
Identification Number : UN1170
Label Codes : LTD QTY
Packing Group : III

14.3 In Accordance with IATA

Not approved for air shipment.

SECTION 15: Regulatory Information

15.1 US Federal Regulations

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SARA Section 313 Hazard Classes

This product contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

15.2 US State Regulations

California Proposition 65 - NONE

This product does not contain any Proposition 65 chemicals.

U.S. State Right-to-Know Regulations

Chemical Name	New Jersey	Massachusetts	Pennsylvania	Rhode Island	Illinois
Ethyl Alcohol 65% v/v 64-17-5		X			
Carbomer 9003-01-4	X				
Glycerin 56-81-5	X	X	X	X	
Propylene Glycol 57-55-6	X		X		

15.3 International Regulations

Mexico

National occupational exposure limits

Component	Carcinogen Status	Exposure Limits
Ethyl Alcohol 65% v/v 64-17-5 (50 - 100)		Mexico: TWA 1000 ppm Mexico: TWA 1900 mg/m ³
Glycerin 56-81-5 (0 - 10)	-	10mg/m ³ (mist) TWA

Mexico - Occupational Exposure Limits - Carcinogens

SECTION 16: Other Information, Including Date Of Preparation Or Last Revision

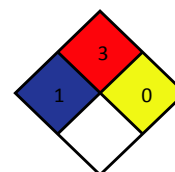
Revision Date : 12/19/2016

Other Information : This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200.

GHS Full Text Phrases:

Flam. Liq. 3	Flammable liquid and vapor, Category 3
H226	Flammable liquid and vapor

NFPA health hazard : 1 - Exposure could cause irritation but only minor residual injury even if no treatment is given.
NFPA fire hazard : 3 - Liquids and solids that can be ignited under almost all ambient conditions.
NFPA reactivity : 0 - Normally stable, even under fire exposure conditions, and are not reactive with water.



Party Responsible for the Preparation of This Document

STERIS Corporation

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This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.

SDS US,GHS