

SASCO Hand Sanitizer / Rub

Safety Data Sheet

according to the Hazard Communication Standard (CFR29 1910.1200) HazCom 2012



SASCO Chemical Group, Inc.
Innovative Chemicals for Industry since 1948

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SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product name : Sasco Hand Sanitizer/Rub
Product code : H-SHSR

1.2. Relevant identified uses of the substance or mixture and uses advised against

Use of the substance/mixture : Hand sanitizer
Restrictions on use : This is a personal care or cosmetic product that is safe for consumers and other users under normal and reasonably foreseeable use. Cosmetics and consumer products, specifically defined by regulations around the world, are exempt from the requirement of an SDS for the consumer. While this material is not considered hazardous, this SDS contains valuable information critical to the safe handling and proper use of the product for industrial workplace conditions as well as unusual and unintended exposures such as large spills. This SDS should be retained and available for employees and other users of this product. For specific intended-use guidance, please refer to the information provided on the package or instructionsheet.

1.3. Details of the supplier of the safety datasheet

SASCO Chemical Group, Inc
827 Pine Ave
Albany, GA 31701
T 229-435-8394; 1-800-332-2594
sds@sascochemical.com - www.sascochemical.com

1.4. Emergency telephone number

Emergency number : CHEMTREC: U.S. Domestic: (800) 424-9300; International: (703)527-3887

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

GHS-US classification

Flammable Liquid 3
Eye Irritation 2A
Specific target organ toxicity - Single exposure 3

2.2. Label elements

GHS-US labeling

Cosmetic product: GHS labelling not applicable. This product is exempt from labeling as per C.F.R. 1910.1200(b)(5)(iii).

2.3. Other hazards

No additional information available

2.4. Unknown acute toxicity (GHSUS)

Not applicable

SECTION 3: Composition/information on ingredients

3.1. Substance

Not applicable

3.2. Mixture

Name	Product identifier	% by volume
Isopropyl alcohol	(CAS No) 67-63-0	75
Hydrogen Peroxide	7722-84-1	0.15

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures after inhalation : If inhaled, remove to fresh air and keep at rest in a position comfortable for breathing. Get medical advice/attention if you feel unwell.
First-aid measures after skin contact : If irritation occurs, flush skin with plenty of water. Get medical attention if irritation persists.

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First-aid measures after eye contact	In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. If easy to do, remove contact lenses, if worn. If irritation persists, get medical attention.
First-aid measures after ingestion	: Rinse mouth out and spit. If swallowed, do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Call poison control center..

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

Symptoms/injuries after inhalation	: May cause respiratory tract irritation. Vapors may cause narcosis with headache, difficulty breathing, lightheadedness, drowsiness, unconsciousness and possibly death.
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Symptoms/injuries after skin contact	: May cause skin irritation. Symptoms may include redness, drying, defatting and cracking of the skin.
Symptoms/injuries after eye contact	: Causes serious eye irritation. Symptoms may include discomfort or pain, excess blinking and tear production, with marked redness and swelling of the conjunctiva.
Symptoms/injuries after ingestion	: May be harmful if swallowed. May cause stomach distress, nausea or vomiting.

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

Symptoms may not appear immediately. In case of accident or if you feel unwell, seek medical advice immediately (show the label or SDS where possible).

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media	: Carbon dioxide, alcohol foam, dry chemical powder.
Unsuitable extinguishing media	: Do not use a solid water stream as it may scatter and spread fire.

5.2. Special hazards arising from the substance or mixture

Fire hazard	: Flammable liquid and vapor. Products of combustion may include, and are not limited to: oxides of carbon.
Explosion hazard	: May form flammable/explosive vapor-air mixture.

5.3. Advice for firefighters

Protection during firefighting	: Keep upwind of fire. Wear full fire fighting turn-out gear (full Bunker gear) and respiratory protection (SCBA). Vapors are heavier than air and may travel considerable distance to an ignition source and flash back to source of vapors. Product floats on water.
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SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures	: Use personal protection recommended in Section 8. Isolate the hazard area and deny entry to unnecessary and unprotected personnel.
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6.2. Methods and material for containment and cleanup

For containment	: Contain and/or absorb spill with inert material (e.g. sand, vermiculite), then place in a suitable container. Do not flush to sewer or allow to enter waterways. Use appropriate Personal Protective Equipment(PPE). Use non sparking tools / equipment.
Methods for clean up	: Scoop up material and place in a disposal container. Provide ventilation. Recovered material will be flammable. Use non sparking tools.

6.3. Reference to other sections

See section 8 for further information on protective clothing and equipment and section 13 for advice on waste disposal.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Additional hazards when processed	: Handle empty containers with care because residual vapors are flammable.
Precautions for safe handling	: Keep away from sources of ignition - No smoking. Avoid contact with eyes. Use per label directions. Avoid breathing dust/fume/gas/mist/vapors/spray. Do not swallow. Take precautionary measures against static discharge. Use only non-sparking tools. Handle and open container with care. When using do not eat, drink or smoke.
Hygiene measures	: Launder contaminated clothing before reuse. Wash hands before eating, drinking, or smoking.

7.2. Conditions for safe storage, including any incompatibilities

Technical measures	: Proper grounding procedures to avoid static electricity should be followed.
Storage conditions	: Keep out of the reach of children. Keep container tightly closed and in a well-ventilated place. Store in a cool place.

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7.3. Specific end use(s)

As personal hand or surface sanitizer.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Isopropyl alcohol (67-63-0)		
ACGIH	ACGIH TWA (ppm)	200 ppm
ACGIH	ACGIH STEL (ppm)	400 ppm
OSHA	OSHA PEL (TWA) (ppm)	400 ppm

Hydrogen Peroxide (7722-84-1)		
ACGIH	ACGIH STEL (ppm)	1 ppm
OSHA	OSHA PEL (TWA) (mg/m ³)	1 ppm

Appropriate engineering controls	: Use ventilation adequate to keep exposures (airborne levels of dust, fume, vapor, etc.) below recommended exposure limits.
Hand protection	: None necessary under normal conditions of use. Use nitrile gloves for bulk handling / spills.
Eye protection	: None required for normal use. Chemical goggles or face shield for bulk handling / spills.
Skin and body protection	: None required for normal use. Use alcohol resistant suits / boots for bulk handling / spills.
Respiratory protection	: None required for normal use. Use respirator with organic vapor cartridge or SCBA for bulk handling / spills.
Environmental exposure controls	: Maintain levels below Community environmental protection thresholds.
Other information	: Do not eat, smoke or drink where material is handled, processed or stored. Wash hands carefully before eating or smoking. Handle according to established industrial hygiene and safety practices.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	: Liquid
Appearance	: Clear thin liquid
Color	: Colorless
Odor	: Alcohol
Odor threshold	: No data available
pH	: 5.7 -5.9
Melting point	: No data available
Freezing point	: No data available
Boiling point	: No data available
Flash point	: 75°F
Relative evaporation rate (butyl acetate=1)	: 3.6
Flammability (solid, gas)	: Flammable
Explosive limits	: No data available
Explosive properties	: No data available
Oxidizing properties	: No data available
Vapor pressure	: 48 mm Hg (at 68 °F)
Relative density	: 0.862
Relative vapor density (air = 1)	: > 1
Solubility	: Miscible.
Partition coefficient: n-octanol/water	: No data available
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Viscosity	: No data available

Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available

9.2. Other information

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No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

No dangerous reaction known under conditions of normal use.

10.2. Chemical stability

Stable under normal storage conditions. Flammable liquid and vapor. May form flammable/explosive vapor-air mixture.

10.3. Possibility of hazardous reactions

No dangerous reaction known under conditions of normal use.

10.4. Conditions to avoid

Heat. Incompatible materials. Sources of ignition.

10.5. Incompatible materials

Strong oxidizers. Acids. Peroxides. Nitrites.

10.6. Hazardous decomposition products

May include, and are not limited to: oxides of carbon.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity : Not classified.

ALCO GEL	
LD50 oral rat	> 2000 mg/kg
LD50 dermal rabbit	> 2000 mg/kg
LC50 inhalation rat	> 20 mg/l/4h
Isopropyl alcohol (67-63-0)	
LD50 oral rat	5045 mg/kg
LD50 dermal rabbit	4059 mg/kg
LC50 inhalation rat	72600 mg/m ³ /4h
Hydrogen peroxide (7722-84-1)	
LD50 oral rat	1026 mg/kg
LC50 inhalation rat	2 mg/l

Skin corrosion/irritation : Based on available data, the classification criteria are not met
Serious eye damage/irritation : Causes serious eye irritation.
Respiratory or skin sensitization : Based on available data, the classification criteria are not met
Germ cell mutagenicity : Based on available data, the classification criteria are not met
Carcinogenicity : Based on available data, the classification criteria are not met

Isopropyl alcohol (67-63-0)	
IARC group	3 - Not classifiable
Hydrogen Peroxide (7722-84-1)	
IARC group	Not classified

Reproductive toxicity : Based on available data, the classification criteria are not met

Specific target organ toxicity (single exposure) : May cause drowsiness or dizziness. May cause respiratory irritation.

Specific target organ toxicity (repeated exposure) : Based on available data, the classification criteria are not met

Aspiration hazard : Based on available data, the classification criteria are not met

Symptoms/injuries after inhalation : May cause respiratory tract irritation. Vapors may cause narcosis with headache, difficulty breathing, lightheadedness, drowsiness, unconsciousness and possibly death.

Symptoms/injuries after skin contact : May cause skin irritation. Symptoms may include redness, drying, defatting and cracking of the skin.

Symptoms/injuries after eye contact : Causes serious eye irritation. Symptoms may include discomfort or pain, excess blinking and tear production, with marked redness and swelling of the conjunctiva.

Symptoms/injuries after ingestion : May be harmful if swallowed. May cause stomach distress, nausea or vomiting.

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SECTION 12: Ecological information

12.1. Toxicity

Ecology -general : May cause long-term adverse effects in the aquatic environment.

12.2. Persistence and degradability

ALCO GEL

Persistence and degradability	Not established.
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12.3. Bioaccumulative potential

ALCO GEL

Bioaccumulative potential	Not established.
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12.4. Mobility in soil

No additional information available

12.5. Other adverse effects

Effect on the global warming : No known ecological damage caused by this product.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste disposal recommendations : This material must be disposed of in accordance with all local, state, provincial, and federal regulations. The generation of waste should be avoided or minimized wherever possible.

Additional information : Handle empty containers with care because residual vapors are flammable.

SECTION 14: Transportinformation

Department of Transportation (DOT)

In accordance with DOT

UN-No.(DOT) :UN1987
Proper Shipping Name(DOT) : Alcohols, n.o.s. (Isopropyl alcohol)
Class (DOT) :3
Hazard labels(DOT) :



Packinggroup(DOT) :III

Additional information

Other information : No supplementary information available.

Special transport precautions : Do not handle until all safety precautions have been read and understood.

SECTION 15: Regulatory information

15.1. US Federal regulations

All components of this product are listed, or excluded from listing, on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory.

Isopropyl alcohol (67-63-0)

Subject to reporting requirements of United States SARA Section 313

EPA TSCA Regulatory Flag	T - T - indicates a substance that is the subject of a Section 4 test rule under TSCA
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SARA Section 313 - Emission Reporting	1.0 % (only if manufactured by the strong acid process, no supplier notification)
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Benzene (71-43-2)

Subject to reporting requirements of United States SARA Section 313

SARA Section 313 - Emission Reporting	0.1 %
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15.2. US State regulations

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State or local regulations	N/A
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SECTION 16: Other information

Date of issue : 02 APR 2020
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Other information : Corrected typos, changed volume of alcohol

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