

# STONE SOAP CO., INC

## Safety Data Sheet

### Hand Sanitizer - Alcohol Antiseptic

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#### SECTION 1: Identification

##### 1.1 Product identifier

Product name	Hand Sanitizer - Alcohol Antiseptic
Brand	Stone Soap
Substance name	Alcohol Hand Sanitizer

##### 1.3 Recommended use of the chemical and restrictions on use

Use only for hand sanitizing.

##### 1.4 Supplier's details

Name	Stone Soap Co., Inc
Address	2000 Pontiac Dr. Sylvan Lake, MI 48320 US
Telephone	248-706-1000
Fax	248-706-1001
email	sales@stonesoap.com

##### 1.5 Emergency phone number(s)

Chemtrec 1-800-424-9300

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#### SECTION 2: Hazard identification

##### 2.1 Classification of the substance or mixture

- Flammable liquids (chapter 2.6), Cat. 2
- Eye damage/irritation (chapter 3.3), Cat. 2B
- Specific target organ toxicity, single exposure (chapter 3.8), Cat. 3

##### 2.2 GHS label elements, including precautionary statements

###### Pictogram



###### Signal word

Warning

###### Hazard statement(s)

H316	Causes mild skin irritation
H320	Causes eye irritation
H318	Causes serious eye damage

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H317	May cause an allergic skin reaction
H302	Harmful if swallowed
H225	Highly flammable liquid and vapor
H335	May cause respiratory irritation
H336	May cause drowsiness or dizziness

### Precautionary statement(s)

P210	Keep away from heat, hot surfaces, sparks, open flames, and other ignition sources. No smoking.
P233	Keep container tightly closed.
P261	Avoid breathing dust/fume/gas/mist/vapours/spray.
P264	Wash ... thoroughly after handling.
P271	Use only outdoors or in a well-ventilated area.
P273	Avoid release to the environment.
P301+P312	IF SWALLOWED: Call a POISON CENTER or doctor if you feel unwell.
P301+P330+P331	IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
P303+P361+P353	IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
P304+P340	IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.
P312	Call a POISON CENTER/doctor/... if you feel unwell.
P332+P313	If skin irritation occurs: Get medical advice/attention.
P333+P313	If skin irritation or a rash occurs: Get medical advice/attention.
P337+P313	If eye irritation persists: Get medical advice/attention.
P370+P378	In case of fire: Use dry foam to extinguish.
P403+P233	Store in a well ventilated place. Keep container tightly closed.
P501	Dispose of contents/container to ...

### 2.3 Other hazards which do not result in classification

Causes mild skin irritation

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## SECTION 3: Composition/information on ingredients

### 3.2 Mixtures

Substance name Alcohol Hand Sanitizer

#### Hazardous components

##### 1. Alcohol, Denatured

Concentration 80 - 80 %

Other names / synonyms Denatured alcohol; Ethanol, Denatured

- Specific target organ toxicity, repeated exposure (chapter 3.9), Cat. 2
- Eye damage/irritation (chapter 3.3), Cat. 1
- Hazardous to the aquatic environment - acute hazard (chapter 4.1), Cat. 1
- Hazardous to the aquatic environment - long-term hazard (chapter 4.1), Cat. 1

H318	Causes serious eye damage
H373	May cause damage to organs through prolonged or repeated exposure
H400	Very toxic to aquatic life
H410	Very toxic to aquatic life with long lasting effects

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### 2. WATER

Concentration 18 - 19 %

Other names / synonyms De-ionized  
CAS no. 7732-18-5

### 3. GLYCEROL

Concentration 1 - 2 %

Other names / synonyms GLYCERINE; GLYCERIN  
CAS no. 56-81-5

#### Trade secret statement (OSHA 1910.1200(i))

If Chemical Name/CAS number is "proprietary" and/or weight is listed as a range, the specific chemical identity and/or percentage of composition has been withheld as a trade secret.

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## SECTION 4: First-aid measures

### 4.1 Description of necessary first-aid measures

If inhaled	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Oxygen or artificial respiration may be necessary. Seek medical attention-if required.
In case of skin contact	Wash with large quantity of soap and water. Wash contaminated clothing before reuse. If skin irritation occurs, seek medical attention.
In case of eye contact	Rinse immediately with cool running water, including under eyelids for at least 15 minutes. Remove contact lenses, if present, after five minutes, continue rinsing eyes. If irritation continues, seek medical attention.
If swallowed	DO NOT induce vomiting. Drink one or two glasses of water. Seek medical attention immediately.

### 4.2 Most important symptoms/effects, acute and delayed

Direct contact may cause skin or eye irritation. May cause irritation to gastric/intestinal mucosa.

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## SECTION 5: Fire-fighting measures

### 5.1 Suitable extinguishing media

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

### 5.2 Specific hazards arising from the chemical

Emits toxic fumes (carbon oxides) under fire conditions. Vapors can travel to a source of ignition. Containers may explode in a fire. Cool containers from a distance using a water spray.

### 5.3 Special protective actions for fire-fighters

Wear self-contained breathing apparatus for firefighting if necessary.

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### SECTION 6: Accidental release measures

#### 6.1 Personal precautions, protective equipment and emergency procedures

Ensure adequate ventilation. Evacuate personnel to safe areas. For personal protection see section 8.

#### 6.2 Environmental precautions

Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.

#### 6.3 Methods and materials for containment and cleaning up

Contain spillage, soak up with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and transfer to a container for disposal according to local / national regulations (see section 13). Keep in suitable, closed containers for disposal.

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### SECTION 7: Handling and storage

#### 7.1 Precautions for safe handling

Handle according to accepted industrial hygiene and safety practice. Use personal protective equipment (see section 8). Follow all label directions.

#### 7.2 Conditions for safe storage, including any incompatibilities

Keep away from excessive heat or incompatible materials, oxidizers and reducing agents.

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### SECTION 8: Exposure controls/personal protection

#### 8.1 Control parameters

##### 1. Ethanol (CAS: 67-63-0 EC: 414-810-0)

PEL-C (Inhalation): 1000 ppm (OSHA)

#### 8.2 Appropriate engineering controls

Use in well ventilated area. Eyewash and emergency showers should be available.

#### 8.3 Individual protection measures, such as personal protective equipment (PPE)

##### Eye/face protection

Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

##### Skin protection

Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

##### Body protection

Choose body protection in relation to its type, to the concentration and amount of dangerous substances, and to the specific work-place., The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

##### Respiratory protection

Provide local exhaust. If exposure levels are excessive, use an approved respirator.

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### Thermal hazards

None

### Environmental exposure controls

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## SECTION 9: Physical and chemical properties

### Information on basic physical and chemical properties

Appearance/form (physical state, color, etc.)	Clear liquid
Odor	Alcohol
Odor threshold	Not determined
pH	N/A
Melting point/freezing point	N/A
Initial boiling point and boiling range	80C
Flash point	<25C
Evaporation rate	N/A
Flammability (solid, gas)	Flammable liquid
Upper/lower flammability limits	N/A
Upper/lower explosive limits	N/A
Vapor pressure	(@ 20C) 44.6mmHg
Vapor density	1.59
Relative density	0.85
Solubility(ies)	100% in water
Partition coefficient: n-octanol/water	Not determined
Auto-ignition temperature	363C
Decomposition temperature	N/A
Viscosity	30 cst
Explosive properties	None
Oxidizing properties	None

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## SECTION 10: Stability and reactivity

### 10.1 Reactivity

Not reactive under normal storage conditions.

### 10.2 Chemical stability

Stable under normal storage conditions

### 10.3 Possibility of hazardous reactions

None

### 10.4 Conditions to avoid

Excessive heat

### 10.5 Incompatible materials

Alkali metals, ammonia, oxidizing agents, peroxides.

### 10.6 Hazardous decomposition products

Carbon dioxide (CO<sub>2</sub>). Carbon monoxide. Oxides of nitrogen. Hydrocarbons.

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### SECTION 11: Toxicological information

#### Information on toxicological effects

##### Acute toxicity

Ethanol

LC50 Inhalation-Rat- 10h-20000 ppm

LD50 Oral- Rat - 7600 mg/kg

##### Skin corrosion/irritation

May cause moderate to severe skin irritation.

##### Serious eye damage/irritation

May cause moderate to severe eye irritation.

##### Respiratory or skin sensitization

No data available.

##### Germ cell mutagenicity

No specific data

##### Carcinogenicity

No known significant effects or critical hazards.

##### Reproductive toxicity

No known significant effects or critical hazards.

##### Summary of evaluation of the CMR properties

No known significant effects or critical hazards.

##### STOT-single exposure

No known significant effects or critical hazards.

##### STOT-repeated exposure

No known significant effects or critical hazards.

##### Aspiration hazard

No known significant effects or critical hazards.

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### SECTION 12: Ecological information

#### Toxicity

LC50 (96 hours): 13000mg/l *Oncorhynchus mykiss* (Rainbow Trout)

#### Persistence and degradability

No data available.

#### Bioaccumulative potential

No data available.

#### Mobility in soil

No data available.

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### Results of PBT and vPvB assessment

No data available.

### Other adverse effects

No data available.

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## SECTION 13: Disposal considerations

### Disposal of the product

The generation of waste should be avoided or minimized whenever possible. Disposal of this product, solutions and any by-products should at all time comply with the requirements of environmental protection and waste disposal legislation and any regional or local requirements.

### Disposal of contaminated packaging

Disposal should be in accordance with applicable regional, national and local laws and regulations.

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## SECTION 14: Transport information

### DOT (US)

UN Number: UN1170, Ethanol solution , 3, PG II

### IMDG

UN1170, Ethanol solution , 3, PG II

### IATA

UN1170, Ethanol solution , 3, PG II

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## SECTION 15: Regulatory information

### 15.1 Safety, health and environmental regulations specific for the product in question

#### Toxic Substances Control Act (TSCA) Inventory

All ingredients are listed on the TSCA inventory

#### California Prop. 65 Components

Listed: Ethyl alcohol

#### SARA 302 Components

Not listed

#### SARA 311/312 Hazards

Not listed

#### SARA 313 Components

Listed: Ethyl alcohol

#### WHMIS Canada

Class B -2: Flammable liquid with a flash point lower than 37.8C (100F)

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## SECTION 16: Other information

### 16.1 Further information/disclaimer

The statements on this SDS are believed to be true and accurate, but because conditions are beyond our control, Stone Soap Co., Inc. does not make, nor does it authorize any agent or representative to make any oral or written

## **Safety Data Sheet**

### **Hand Sanitizer - Alcohol Antiseptic**

warranty, guarantee or representation, expressed or implied, concerning this material or the use thereof beyond the statements on the label. Stone Soap Co., Inc. and the seller disclaim liability for, and expect the buyer to assume all risk for any claim or personal injury or property damage or loss resulting from handling, storage or use of this material not in accordance with the written directions. No other warranty exists.

#### **16.2 Preparation information**

Generated by  
Stone Soap Co., Inc.  
2000 Pontiac Dr.  
Sylvan Lake, MI 48320