

# SAFETY DATA SHEET



## 1. IDENTIFICATION

**Product identifier** Gel Sanitizer

**Product Name** Hand Sanitizer Gel

**Other means of identification**

**Synonyms** Gel

**Distributor Address**  
Best Sanitizers, Inc.  
PO Box 1360  
Penn Valley, CA 95946  
Toll Free: 888-225-3267

**Emergency telephone number**

**Emergency Phone Numbers**

For Transportation Emergencies,  
call Chemtrec: 1-800-424-9300

## 2. HAZARDS IDENTIFICATION

**Classification**

This product is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200).

Flammable liquids

Category 2

**Signal word**

**Danger**

**Hazard statements**

Highly Flammable liquid and vapor



**Appearance** Aqueous Solution

**Physical State** Liquid

**Odor** Alcohol

**Precautionary Statements - Prevention**

Keep away from heat/sparks/open flames/hot surfaces. - No smoking.  
Keep container tightly closed.

**Precautionary Statements - Response**

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

In case of fire: Use CO<sub>2</sub>, dry chemical, or foam for extinction.

**Precautionary Statements - Storage**

Store in a well-ventilated place. Keep cool.

**Precautionary Statements - Disposal**

Dispose of contents/container to an approved waste disposal plant.

**Hazards not otherwise classified (HNOC)**

Not Applicable.

**Other Information**

Unknown Acute Toxicity

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

Chemical Name	CAS No.	Weight %	Trade Secret
Ethyl Alcohol	64-17-5	60-79	*

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

**4. FIRST AID MEASURES**

**First aid measures**

**General Advice**

Show this safety data sheet to the doctor in attendance.

**Eye Contact**

Hold eye(s) open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after first 5 minutes, then continue rinsing eyes(s). If eye irritation persists: Get medical advice/attention.

**Skin Contact**

None anticipated under foreseeable use conditions. Get medical attention if irritation develops.

**Inhalation**

Remove to fresh air. Immediate medical attention is not required.

**Ingestion**

Do NOT induce vomiting. Drink plenty of water, Never give anything by mouth to an unconscious person. Call a physician immediately.

**Most important symptoms and effects, both acute and delayed**

**Most Important Symptoms and Effects**

Can cause eye irritation.

**Indication of any immediate medical attention and special treatment needed**

See Section 11 for information.

**Notes to Physician**

Treat symptomatically

---

## 5. FIRE-FIGHTING MEASURES

---

### Suitable Extinguishing Media

Dry chemical, Water spray (fog), Carbon Dioxide (CO<sub>2</sub>), Foam.

### Specific Hazards Arising from the Chemical

Flammable. Vapors may travel to source of ignition and flash back.

### Hazardous Combustion Products

Carbon Monoxide. Carbon Dioxide (CO<sub>2</sub>).

### Protective equipment and precautions for firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand. MSHA/NIOSH (approved or equivalent) and full protective gear. Cool containers with flooding quantities of water until will after fire is out.

---

## 6. ACCIDENTAL RELEASE MEASURES

---

### Personal precautions, protective equipment and emergency procedures

**Personal Precautions** Use personal protection recommended in Section 8. Ensure adequate ventilation, especially in confined areas.

**For emergency responders** Isolate area. Keep unnecessary personnel away.

### Environmental precautions

**Environmental Precautions** Prevent entry into waterways, sewers, basements or confined areas. See Section 12 for additional ecological information.

### Methods and material for containment and cleaning up

**Methods for Containment** Prevent further leakage or spillage if safe to do so. Contain and collect spillage with non-combustible absorbent material, (e.g. sand, earth diatomaceous earth, vermiculite) and place in container for disposal according to local/ national regulations (See Section 13).

**Methods for Cleaning Up** Use clean non-sparking tools to collect absorbed material. May be ignited by friction, heat, sparks or flames. Collect spillage. Soap up with inert absorbent material. Sweep up and shovel into suitable containers for disposal. Following product recovery, flush area with water.

---

## 7. HANDLING AND STORAGE

---

### Precautions for safe handling

**Handling** Keep away from heat sparks, flame and other sources of ignition (i.e., pilot lights, electric motors and static electricity). Take precautionary measures against static discharges. Do not eat, drink or smoke when using this product. Use personal protection recommended in Section 8. Wash thoroughly after handling. Handle in accordance with good industrial hygiene and safety practice.

### Conditions for safe storage, including any incompatibilities

**Storage** Keep containers tightly closed in a dry, cool and well-ventilated place. Keep from freezing. Keep away from heat, sparks, flame and other sources of ignition (i.e., pilot lights, electric motors and static electricity). Store between 40 to 100 °F.

**Incompatible Products**

Heat, sparks, open flame, other ignition sources. Reacts violently with strong oxidants.  
 Reacts slowly with calcium hypochlorite and ammonia causing fire and explosion hazard.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Control parameters****Exposure Guidelines**

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Ethyl Alcohol 64-17-5	STEL: 1000 ppm	TWA: 1000 ppm TWA: 980 mg/m <sup>3</sup> (vacated) TWA: 1000 ppm (vacated) TWA: 1900 mg/m <sup>3</sup>	IDLH: 3000 ppm TWA: 1000 ppm TWA: 1900 mg/m <sup>3</sup>

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

**Appropriate engineering controls****Engineering Measures**

Showers  
 Eyewash stations  
 Ventilation systems

**Individual protection measures, such as personal protective equipment****Eye/Face Protection**

Avoid contact in eyes.

**Skin and Body Protection**

No protective equipment necessary under normal use conditions.

**Respiratory Protection**

No protective equipment necessary under normal use conditions.

**Hygiene Measures**

Handle in accordance with good industrial hygiene and safety practice. ng this product.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Physical and Chemical Properties**

**Physical State**  
**Appearance**  
**Color**

Liquid  
 Aqueous gel  
 Clear

**Odor**  
**Odor Threshold**

Fragrance Free  
 No information available

**Property**  
**pH**

**Values**  
 5.0-8.0

**Remarks/ Method**  
 ±1 @ 21°C

**Melting/freezing point**

No data available

None known

<b>Boiling point / boiling range</b>	<b>83°C / 181°F</b>	None known
<b>Flash Point</b>	20°C / 68°F	None known
<b>Evaporation rate</b>	<b>No Data available</b>	None known
<b>Flammability (solid, gas)</b>	No data available	None known
<b>Flammability Limits in Air</b>		
<b>Upper flammability limit</b>	No data available	None known
<b>Lower flammability limit</b>	No data available	None known
<b>Vapor pressure</b>	No data available	None known
<b>Vapor density</b>	No data available	None known
<b>Specific Gravity</b>	0.8700-0.8900	None known
<b>Water Solubility</b>	Soluble in water	None known
<b>Solubility in other solvents</b>	No data available	None known
<b>Partition coefficient:</b>	No data available	None known
<b>Autoignition temperature</b>	No data available	None known
<b>Decomposition temperature</b>	No data available	None known
<b>Kinematic viscosity</b>	No data available	None known
<b>Dynamic viscosity</b>	No data available	None known

## 10. STABILITY AND REACTIVITY

### Reactivity

No data available.

### Chemical stability

Stable under recommended storage conditions.

### Possibility of Hazardous Reactions

Non under normal processing.

### Conditions to avoid

Heat, flames and sparks, extreme temperature conditions.

### Incompatible materials

Heat, sparks, open flame, other ignition sources, Reacts violently with strong oxidants.

### Hazardous Decomposition Products

Carbon monoxide, Carbon dioxide (CO<sub>2</sub>). Nitrogen.

## 11. TOXICOLOGICAL INFORMATION

### Information on likely routes of exposure

#### Product Information

<b>Inhalation</b>	Inhalation of vapors in high concentrations may cause irritation of respiratory system.
<b>Eye Contact</b>	Irritating to eyes.
<b>Skin Contact</b>	Prolonged contact may cause irritation.
<b>Ingestion</b>	May be harmful if swallowed.

#### Component Information

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Ethyl alcohol 64-17-5	= 7060 mg/kg (Rat)	➤ 15800 mg/kg (Rabbit)	= 31623 ppm (Rat) 4 h

### Information on toxicological effects

**Symptoms** No Information Available

### Ecotoxicity

The product is not expected to be hazardous to the environment.

### Persistence and Degradability

No information available.

### Bioaccumulation

Chemical Name	Partition Coefficient
Ethyl Alcohol 64-17-5	-0.32

### Other adverse effects

No information available.

## 13. DISPOSAL CONSIDERATIONS

### Disposal methods

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

### Contaminated Packaging

Dispose of in accordance with federal, state and local regulations.

## 14. TRANSPORT INFORMATION

### DOT

UN/ID/NA number : UN 1170  
Proper shipping name : ETHANOL  
Class : 3

Packing group : III

Limited Quantities for packages under 1 Liter  
Exempt DOT-SP 9275 for packages under 1 gallon.

## 15. REGULATORY INFORMATION

### **Chemical Inventories**

#### **TSCA**

All components of this product are either on the TSCA 8(b) Inventory or otherwise exempt from listing.

#### **DSL/NDSL**

All components are on the DSL or NDSL.

**TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory  
**DSL/NDSL** - Canadian Domestic Substances List/Non-Domestic Substances List

**U.S. EPA Label Information**

**EPA Pesticide Registration Number** Not Applicable

**U.S. Federal Regulations**

**SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

**CWA (Clean Water Act)**

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

**CERCLA**

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material.

**US State Regulations**

**California Proposition 65**

This product does not contain any Proposition 65 chemicals.

U.S. State Right-to-Know Regulations

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

**16. OTHER INFORMATION**

**NFPA** Health Hazard 2 Flammability 3 Instability 0 **Physical and Chemical Hazards** -

**HMIS** Health Hazard 2 Flammability 3 Physical Hazard 0 **Personal Protection** B (safety glasses, gloves)

**Prepared By** Technical Department

**Preparation/Revision Date** January 1, 2025

**Version Reference** 5

**General Disclaimer**

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information, and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal, and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

**End of Safety Data Sheet**