



Alcohol Antiseptic 80% Topical Solution

Safety Data Sheet

Revision Date: 5/8/2020

SECTION 1: Identification of the Substance/Mixture and of the Company/Undertaking

1.1 Product Identifier

Trade Name Alcohol Antiseptic 80% Topical Solution
 Product Form Mixture
 Product Code 77-00005

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

Use of Product Hand Sanitizer

1.3 Details of the Supplier of the safety data sheet

HOBO Inc.
 21365 Hamburg Ave.
 Lakeville, MN 55024
 (877)437-3478
 info@hoboinc.com

1.4 Emergency telephone number

Emergency Number ChemTrec 1-800-424-9300

SECTION 2: Hazards Identification

2.1 Classification of the substance

Classification

<u>Hazard Code</u>	<u>Hazard Class</u>	<u>Hazard Category</u>
H225	Flammable Liquids	2
H316	Skin corrosion/irritation	3
H319	Serious eye damage/eye irritation	2A
H332	Acute toxicity, inhalation	4

HANDLE IN ACCORDANCE WITH GOOD INDUSTRIAL HYGIENE AND SAEFTY PRACTICES

2.2 Label Elements

GHS-US Labeling

Hazard Pictograms (GHS-US)



Signal Word (GHS-US): **Danger**

Hazard Statements (GHS-US):

H225: Highly flammable liquid and vapor
 H316: Causes mild skin irritation
 H319: Causes serious eye irritation
 H332: Harmful if inhaled

Precautionary Statements (GHS-US):

P210: Keep away from heat/sparks/open flames/hot surfaces. -No smoking.
 P233: Keep container tightly closed
 P240: Ground/bond container and receiving equipment
 P241: Use explosion-proof electrical/ventilating/lighting/.../equipment
 P242: Use only non-sparking tools
 P243: Take precautionary measures against static charge
 P261: Avoid breathing dust/fumes/gas/mist/spray
 P264: Wash thoroughly after handling
 P271: Use only outdoors or in a well-ventilated area

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P280: Wear protective gloves/protective clothing/eye protection/face protection

P312: Call a POISON CENTER or doctor/physician if you feel unwell

P303+P361+P353: IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower

P304+P340: IF INHALED: Remove victim to fresh air and keep at rest in a position 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

P332+P313: If skin irritation occurs: Get medical advice/attention

P337+P313: If eye irritation persists get medical advice/attention

P370+P378: In case of fire: See section 5 for extinction

P403+P235: Store in a well ventilated place. Keep cool

P501: Dispose of contents/container in accordance with local, state and federal authorities.

2.3 Other Hazards

No additional information available

2.4 Unknown acute toxicity (GHS-US)

No Data Available

SECTION 3: Composition/Information on Ingredients

3.1 Substance

Not applicable

3.2 Mixture

<u>Ingredient Name</u>	<u>CAS #</u>	<u>Composition</u>
Ethyl alcohol	64-17-5	>75%
Water	7732-18-5	15-25%
1, 2, 3-Propanetriol	56-81-5	1-5%

SECTION 4: First Aid Measures

4.1 Description of first aid measures

First-Aid measures general	Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).
First-Aid after inhalation	IF INHALED. Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell. Use artificial respiration and oxygen if needed. If irritation persists, seek medical attention.
First-Aid after skin contact	IF ON SKIN. If skin irritation occurs. Get medical advice/attention. Immediately rinse with plenty of water (for at least 15 minutes).
First-Aid after eye contact	IF IN EYES. If eye irritation persists get medical advice/attention. Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing. Rinse immediately and thoroughly, pulling the eyelids well away from the eye (15 minutes minimum). If irritation persists, seek medical attention.
First-Aid after ingestion	IF SWALLOWED. Rinse mouth. Do NOT induce vomiting. Dilute stomach contents by drinking water. If vomiting occurs spontaneously, keep head below hips to prevent breathing vomit into lungs. Call physician immediately.

4.2 Most important symptoms and effects, both acute and delayed

Symptoms/injuries	Causes mild skin irritation. Causes serious eye irritation. Harmful if inhaled.
Symptoms/injuries after inhalation	Harmful if inhaled.
Symptoms/injuries after skin contact	Causes mild skin irritation.
Symptoms/injuries after eye contact	Causes serious eye irritation.
Symptoms/injuries after ingestion	May cause gastrointestinal irritation, nausea, vomiting, and diarrhea if swallowed.
Chronic symptoms	No data available.

4.3 Indication of immediate medical attention and special treatment needed

No additional information available

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SECTION 5: Firefighting Measures

5.1 Extinguishing media

Suitable Extinguishing Media Alcohol resistant foam. Carbon dioxide. Dry powder. Water spray.

5.2 Special hazards arising from the substance or mixture

Fire Hazard The product liquid and vapor are highly flammable.

Explosion Hazard The product is not explosive.

Reactivity The product is not reactive under normal conditions.

5.3 Special hazards arising from the substance or mixture

Firefighting instructions Do not dispose of fire-fighting water in the environment. Exercise caution when fighting any chemical fire. Use water spray or fog for cooling exposed containers.

Protection during firefighting Do not enter fire area without proper protective equipment, including respiratory protection.

SECTION 6: Accidental Release Measures

6.1 Personal precautions, protective equipment and emergency procedures

General measures : Ventilate area. Avoid breathing vapors, mist or gas. Spill should be handled by trained clean-up crews. Use grounding/bonding and non-sparking tools. Eliminate all ignition sources. For personal protection see Section 8.

6.1.1. For non-emergency personnel

Protective equipment : Wear Protective equipment as described in Section 8.

Emergency procedures : Contain the spill. Do not let product enter drains. Remove unnecessary personnel.

6.1.2. For emergency responders

Protective equipment : Wear Protective equipment as described in Section 8.

6.2. Environmental precautions

Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.

6.3. Methods and material for containment and cleaning up

For containment : Prevent entry to sewers and public waters. Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams.

Methods for cleaning up : Use grounding/bonding and non-sparking tools. Eliminate all ignition sources. Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Place in a suitable container for disposal in accordance with the waste regulations (see Section 13).

6.4 reference to other sections

No additional information available.

SECTION 7: Handling and Storage

7.1 Precautions for safe handling

Precautions for safe handling Do not handle until all safety precautions have been read and understood. Keep away from heat, sparks and open flame. Store in cool well ventilated area. Ground and bond all containers when pouring or transferring liquid. Keep container closed when not in use. Use only with adequate ventilation. Wear proper safety equipment including chemically resistant gloves and safety glasses or goggles. Wash thoroughly after handling. Do not breathe mist or vapor. Do not get in eyes. Avoid prolonged or repeated contact with skin. Do not swallow.

7.2 Conditions for safe storage, including and incompatibilities

Storage conditions Store in approved containers only. Keep container in a cool, well ventilated place away from heat sources and incompatible materials (See Section 10.5). Keep container tightly closed.

7.3 Specific end uses

No additional information

SECTION 8: Exposure Controls/Personal Protection

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8.1 control parameters

No OSHA and ACGIH PEL's or TLV's for the listed ingredients of this product unless listed stated below:

Ethyl alcohol (Ethanol), CAS # 64-17-5			
OSHA PEL (TWA)	OSHA PEL (STEL)	OSHA PEL (Ceiling)	ACGIH-TLV
1000 ppm	Not Established	Not Established	1000 ppm(STEL)

Glycerin (mist), CAS # 56-81-5			
OSHA PEL (TWA)	OSHA PEL (STEL)	OSHA PEL (Ceiling)	ACGIH-TLV
5 mg/m3	Not Established	Not Established	Not Established

8.2 Exposure Controls

Personal protective equipment	Chemical resistant gloves. Protective clothing. Safety glasses or goggles
Hand protection	Chemical resistant gloves.
Eye protection	Safety glasses or goggles.
Skin and body protection	Wear long sleeves. Wear suitable protective clothing.
Respiratory protection	Where excessive vapor, mist, or dust may result, use approved respiratory protection equipment.

SECTION 9: Physical and Chemical Properties

9.1 Information on basic physical and chemical properties

Appearance	Water White
Color	Clear
Odor	Apple
Odor threshold	No data available
pH	6 - 9
Relative Evaporation rate (butyl	No data Available
Melting point	No data Available
Freezing point	No data Available
Boiling point	No data Available
Flash point	60°F (Closed Cup)
Self ignition point	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
Relative Density	0.858 g/ml
Solubility	Water soluble
Log Pow	No data Available
Log Kow	No data Available
Viscosity: Kinematic	No data Available
Viscosity: dynamic	No data Available
Explosive properties	No data Available
Oxidizing properties	No data Available
Explosive Limits	No data Available

9.2 Exposure Controls

No additional information available

SECTION 10: Stability and reactivity

10.1 Reactivity

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No dangerous reactions known under normal conditions of use.

10.2 Chemical Stability

Stable under recommended handling and storage conditions (see section 7).

10.3 Possibility of hazardous reactions

None Known

10.4 Conditions to avoid

Sparks. Heat. Open flame. Sun Light

10.5 Incompatible Materials

Avoid contact with: salts, metals, carbon, reducers, chlorine, fluorine, oxidizers, strong oxidizers, and combustible material

10.6 Hazardous decomposition products

Thermal decomposition can result in: oxygen and carbon oxides.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Oral LD50: > 2000 mg/kg (rat) Calculated

Dermal LD50: > 2000 mg/kg (rabbit) Calculated

Inhalation LD50: 1.79 mg/l (Dust/mist (Rat)) Calculated

Skin Corrosion/irritation Causes mild skin irritation

Serious eye damage/irritation Causes serious eye irritation

Respiratory or skin sensitization Not Classified

Germ cell mutagenicity Not Classified

Carcinogenicity Not Classified

Reproductive toxicity Not Classified

Specific organ toxicity single exposure Not Classified

Specific organ toxicity repeated exposure Repeat exposure can result in damage to: respiratory system

Aspiration hazard Not Classified

Symptoms/injuries after inhalation See Section 4

Symptoms/injuries after skin contact See Section 4

Symptoms/injuries after eye contact See Section 4

Symptoms/injuries after ingestion See Section 4

Chronic symptoms Not Classified

SECTION 12: Ecological information

12.1 Toxicity

No Data

12.2 Persistence and degradability

No Data

12.3 Bioaccumulative potential

No Data

12.4 Mobility in soil

No Data

12.5 Other adverse effect

No Data

SECTION 13: Disposal Considerations

13.1 Waste Treatment methods

Waste treatment methods Do not discharge to public wastewater systems without permit of pollution control authorities.
No discharge to surface waters is allowed without NPDES permit.

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Waste disposal recommendations Dispose in a safe manner in accordance with local/national regulations. Do not allow the product to be released to the environment.

SECTION 14: Transportation information

14.1 UN number, proper shipping name, class and packaging groups.

Domestic Ground Non-Bulk Shipments

UN1170, ETHANOL SOLUTIONS, 3, II

14.2 Additional information

Not available

SECTION 15: Regulatory Information

15.1 Federal regulations

TSCA Inventory: The components of this product are listed.

SARA 311/312 Hazard category (40 CFR 370.2): Acute and fire health hazard.

SARA 313 Toxic Release Reporting (40CFR Part 372): No listed substance known over 1.0% or over 0.1% that are carcinogenic.

SARA 302 EHS Emergency Planning (40CFR Part 355): No listed substance known over 1.0% or over 0.1% that are carcinogenic.

SARA 304 EHS Emergency Planning (40CFR Part 355): No listed substance known over 1.0% or over 0.1% that are carcinogenic.

CERCLA Section 102-103 HS Released Reporting (40 CFR part 302-102a): No listed substance known over 1.0% or over 0.1% that are carcinogenic.

15.2.1 International regulations

No Data

15.2.2 National regulations

No Data

15.3 State Regulations

California Prop. 65

No known listed substances

New Jersey Right to Know

Approximate quantities by weight

- ETHYL ALCOHOL/ CAS# 64-17-5/ >75% by wt.
- GLYCERIN/ CAS# 56-81-5/ 1-5% by wt.
- HYDROGEN PEROXIDE/ CAS# 7722-84-1/ 0.1-1% by wt.
- tert-BUTYL ALCOHOL/ CAS# 75-65-0/ Trace
- ISOAMYL ACETATE/ CAS# 123-92-2/ Trace
- n-HEXANOL/ CAS# 111-27-3/ Trace

SECTION 16: Other Information

Other information	None
NFPA	
NFPA Health Hazard	2
NFPA Fire Hazard	3
NFPA Reactivity	0
HMIS	
Health	2
Flammability	3
Physical	0
Personal Protection	X

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