



SAFETY DATA SHEET

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

Manufacturer: Ver-tech Labs 6801 Bleck Drive Rockford, MN 55373 1-877-866-9742	Product Name: All American Hand Sanitizer Product Code: SAN950 Recommended Use: Hand Sanitizer Revision Date: 4/20/2020
--	--

Chemical Emergency: Infotrac: 1-800-535-5053

SECTION 2: HAZARDS IDENTIFICATION

GHS Hazard Classification

Flammable Liquids	Category 2
Serious Eye Damage/Eye Irritation	Category 2

Signal Word

DANGER!



Hazard Statements

Highly flammable liquid and vapor
 Causes serious eye irritation

Precautionary Statements - Prevention

Keep away from heat/sparks/open flames/hot surfaces – No smoking
 Keep container tightly closed
 Ground/bond container and receiving equipment
 Use explosion-proof electrical/ventilating/lighting/equipment
 Use only non-sparking tools
 Take precautionary measures against static discharge
 Wear protective gloves and eye protection
 Wash thoroughly after handling

Precautionary Statements - Response

IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower
 In case of fire: Use dry sand, dry chemical or alcohol-resistant foam for extinction
 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

Precautionary Statements - Storage

Store in a well ventilated place. Keep container tightly closed

Precautionary Statements - Disposal

Dispose of contents/container to an approved waste disposal plant

SECTION 3: INFORMATION ON HAZARDOUS INGREDIENTS

Product is a mixture according to 29 CFR 1910.1200.

Hazardous Components

Hazardous Ingredients	Cas #	Weight %
Ethanol	64-17-5	80%
Glycerol	56-81-5	1.45%
Hydrogen Peroxide	7722-84-1	0.125%
Water	7732-18-5	18.425%

Specific chemical identity and/or exact percentage of components has been withheld in accordance with a trade secret claim according to Appendix E 29 CFR 1910.1200.

SECTION 4: FIRST-AID MEASURES

First Aid Measures

- General Advice:** Keep out of reach of children. Use with care.
- Eye Contact:** Immediately flush with cool running water for at least 15 minutes while holding eyelids apart. Do not rub affected area. Remove contact lenses if applicable.
- Skin Contact:** None under normal use conditions. If skin irritation occurs: Get medical advice/attention.
- Ingestion:** If swallowed, may cause burning of the mouth, throat and stomach. Call immediately for medical assistance. DO NOT induce vomiting. Rinse mouth with water, then drink 1-2 glasses of water. Never give anything by mouth to an unconscious person.
- Inhalation:** Remove to fresh air.

Most Important Symptoms and Effects

- Symptoms:** May cause redness and tearing of the eyes. Burning sensation. Prolonged contact may cause redness and irritation.

Indication of any immediate medical attention and special treatment needed

- Note to Physician:** Treat symptomatically.

SECTION 5: FIRE-FIGHTING MEASURES

Flammable Properties

- Flammability:** Considered a fire hazard.
- Explosive Prop:** Sensitivity to static discharge. Considered an explosive hazard.

Extinguishing Media

- Suitable:** Dry chemical. Carbon dioxide (CO₂). Water spray. Alcohol resistant foam.
- Unsuitable:** None known based on information supplied.

Specific Hazards Arising from Chemical

- Hazards:** Risk of ignition. Keep product and empty container away from heat and sources of ignition. In the event of a fire, cool tanks with water spray. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

Protective equipment and precautions for fire-fighters

- Fire-Fight Method:** In the event of a fire, fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA).

SECTION 6: ACCIDENTAL RELEASE MEASURES

- Personal Precautions:** Evacuate personnel to safe areas. Isolate hazard area and deny entry. Stay upwind of spill/leak. Use personal protective equipment. Avoid contact with skin, eyes or clothing. ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area). Pay attention to flashback. Take precautionary measures against static discharges. All equipment used when handling the product must be grounded. Do not touch or walk through spilled material. Ventilate the area.

- Environ. Precautions:** Prevent release to the environment if possible. Dike large spills to prevent material from entering streams or sewer systems.

- Clean-Up Method:** Soak-up with inert absorbent material and place into appropriate container for disposal. Clean contaminated area thoroughly with water. Prevent product from entering drains.

SECTION 7: HANDLING AND STORAGE

- Handling:** Use personal protective equipment when needed. Avoid breathing vapors or mists. Keep away from heat, hot surface, sparks, open flames and other ignition sources. No smoking. Use grounding and bonding connection 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 with sprinklers. Avoid contact with skin, eyes, and clothing. Wash hands before eating, drinking, or smoking. Remove contaminated clothes and wash before reuse. Use in a ventilated area.

- Storage:** Store in closed containers in cool, dry, well-ventilated area. Avoid overheating or freezing. Keep away from heat, sparks, flame and other sources of ignition. Do not store near combustible materials. Keep in an area equipped with sprinklers. Keep in properly labeled containers and out of reach of children.

- Incomp. Materials:** Acids. Strong oxidizing agents. Isocyanates. Chlorine.

SECTION 8: EXPOSURE CONTROLS AND PERSONAL PROTECTION**Exposure Guidelines**

Hazardous Chemical	TLV - TWA	TLV - STEL
Ethanol	1000 ppm	1000 ppm
Glycerol	No information	No information
Hydrogen Peroxide	1 ppm	No information
Water	No information	No information

Appropriate Engineering Controls

Eng. Controls: Ensure adequate ventilation, especially in confined areas.

Personal Protection Equipment (PPE)

Eyes: Recommend safety goggles or shield.

Respiratory: Not usually necessary where ventilation is sufficient. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required.

Skin: Wear suitable protective clothing. Antistatic boots.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**Information on basic physical and chemical properties**

Physical State:	Liquid	Freezing Point:	No data available
Appearance:	Colorless liquid	Boiling Point:	No data available
Color:	Colorless	Evaporation Rate:	No data available
Odor:	Alcohol	Vapor Pressure:	No data available
Odor Threshold:	No data available	Vapor Density:	No data available
pH:	No data available	Relative Density:	No data available
Flash Point:	63.5° F / 17.5° C	Flammability:	No data available
Water Solubility:	No data available	Explosive Limits:	No data available
Viscosity:	No data available	Part. Coefficient:	No data available
Specific Gravity:	No data available	Auto-ignition Temp:	No data available
Melting Point:	No data available	Decomp. Temp:	No data available

SECTION 10: STABILITY AND REACTIVITY

Stability: Stable under ordinary conditions of use and storage.

Haz. Decomposition: None known based on information supplied.

Haz. Polymerization: No information available.

Incompatibilities: Acids. Strong oxidizing agents. Isocyanates. Chlorine.

Conditions to Avoid: Heat, flames and sparks.

SECTION 11: TOXICOLOGY INFORMATION**Component Information**

Hazardous Chemical	LD50 Oral	LD50 Dermal
Ethanol	4060 mg/kg (rat)	No information given
Glycerol	12600 mg/kg (rat)	> 10 g/kg (rabbit)
Hydrogen Peroxide	1518 mg/kg (rat)	9200 mg/kg (rabbit)
Water	> 90 mL/kg (rat)	No information given

Potential Health Effects

Exposure Routes: Eye Contact, Dermal Contact, and Ingestion

Acute Toxicity:

Eyes: Causes eye irritation with tearing, redness, and impaired vision.

Skin: Causes mild skin irritation. Prolonged contact may cause redness and irritation.

Ingestion: May be harmful if swallowed. Ingestion may cause gastrointestinal irritation, nausea, vomiting, and diarrhea.

Inhalation: May cause irritation of respiratory tract. May cause drowsiness or dizziness.

Chronic Effects: Avoid repeated exposure. May aggravate pre-existing medical conditions including eye, skin and respiratory disorders.

Carcinogenicity: No information available.

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity

Hazardous Chemical	Toxicity to Fish	Toxicity to Invertebrates
Ethanol	No information given	No information given
Glycerol	No information given	No information given
Hydrogen Peroxide	No information given	No information given
Water	No information given	No information given

Environmental Toxicity

Biodegradation: No information available.

Persistence: No information available.

Bioaccumulation: No information available.

Mobility: No information available.

SECTION 13: DISPOSAL CONSIDERATIONS

Waste Disposal: Recover or recycle if possible. Disposal should be in compliance with applicable federal, state, and local regulations. Do not dispose of in the environment, in sewage, and/or in drains.

Container: Empty containers pose a potential fire and explosion hazard. Do not cut, puncture or weld containers. Do not reuse container.

SECTION 14: TRANSPORT INFORMATION

Transport in accordance with all federal, state, and local regulations.

DOT

Proper Name: Ethanol Solutions

Hazard Class: 3

UN Number: UN1170

Packing Group: II

SECTION 15: REGULATORY INFORMATION

US Federal Regulations

TSCA Status: All components of this product are listed or exempt from listing on TSCA inventory.

CERCLA Reportable Quantity:	7722-84-1	Hydrogen Peroxide	1,000#
------------------------------------	-----------	-------------------	--------

SECTION 16: OTHER INFORMATION

Prepared by: Health and Safety Department

Contact Number: 1-877-866-9742

Issue Date: 4/20/2020

Revision Date: 4/20/2020

Revision Note: New product

Version: I

Disclaimer: The information provided in this Safety Data Sheet has been obtained from sources believed to be reliable. This information is offered for your information, consideration, and investigation. Ver-tech Labs cannot anticipate all conditions under which this information and its product may be used. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. It is the user's responsibility to assume liability for loss, injury, damage or expense due to improper use.

End of Safety Data Sheet