



SAFETY DATA SHEET

1. IDENTIFICATION OF THE SUBSTANCE/ MIXTURE AND OF THE COMPANY/ UNDERTAKING

ProductName : Hand Sanitizer

Product # : EB.HS.8000

Material Uses : Hand Sanitizer to help reduce bacteria that potentially can cause disease.
For use when soap and water are not available.

Manufacturer : JeTechInk.com, 8300 Congress Ave., Boca Raton, FL
33487 Phone: 678-324-0263
Fax: 470-264-0969
Emergency: 561-419-7111
www.JeTechInk.com

Date of Issue : 05/15/2020

2. HAZARD IDENTIFICATION

Classification of the substance or mixture:

GHS Classification in accordance with 29 CFR 1910.1200

Flammable Liquids: Category 3

Eye Irritation: Category 2A

GHS Label Elements:

Signal Word: Warning



Symbol(s):

Flammable Liquid, Irritant

Hazard Statement:

H226 Flammable Liquid and vapor
H319 Causes serious eye irritation

Potential Health Hazards:

Eyes: Contact with eyes might be irritating.

Other Hazards: Vapors may form explosive mixture with air.

Precautionary Statements:

PREVENTION:

P210: Keep away from heat/sparks/open flames/ hot surfaces.-No smoking.

P233: Keep container tightly closed.

P241: Use explosion-proof electrical/lighting/ventilation equipment. P242: Use only non-sparking tools.

P243: Take precautionary measures against static charge.

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

RESPONSE:

P301+P312+P330: IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell. Rinse mouth.

P333+P313: If skin irritation or rash occurs, seek medical attention.

DISPOSAL:

P501: Dispose of contents/container to an approved waste disposal plant.

3. COMPOSITION/ INFORMATION ON INGREDIENTS

CAS Number	Concentration (%)	Chemical Name
1) 64-17-5	60-80	Ethyl Alcohol
2) 67-63-0	1-5	Propan-2-ol
3) 56-81-5	1-5	Glycerin
4) 7722-84-1	0-1	Hydrogen Peroxide
5) 7732-18-5	10-20	Water

4. FIRST AID MEASURES

Inhalation : If inhaled move to fresh air. if symptoms develop seek medical attention

Ingestion : Do not induce vomiting. Rinse mouth with water thoroughly. Never give anything by mouth to an unconscious person. Get

medical attention if symptoms appear.

Skin Contact

: In case of irritation or allergic reaction, see a physician.

Eye Contact

: Do not rub eyes. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Remove contacts if applicable. If symptoms persist get medical attention.

Notes to Physician :Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Flammable Properties : Flammable liquid and vapor.

Autoignition Temperature : No limits available.

Suitable Extinguishing Media : Water spray, CO₂, alcohol resistant foam, dry chemical.

Unsuitable Extinguishing Media : High volume water jet

Special Fire-fighting Procedures

: Fire fighters and others who may be exposed to the products of combustions should be equipped with NIOSH approved positive pressure self-contained breathing apparatus and full protective clothing.

: Subjecting this material to conditions that will cause decomposition may cause hazardous or toxic substances to be emitted carbon oxides.

Hazardous Combustion Products

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions : Avoid contact with eyes and clothing. Ensure adequate ventilation. Use all necessary personal protective equipment. Remove all sources of ignition.

Environmental Precautions : Do not let product enter drains. Do not flush into surface water or sanitary sewer systems.

Methods for Cleaning Up : Prevent further leakage or spillage if it is safe to do so. None sparking tools should be used. Soak up with inert absorbent material. A vapor suppressing foam may be used to reduce vapors. Notify your local water treatment facility if spilled material reaches a sewer. Notify the authorities if the spilled material reaches an open body of water, stream or river.

7. HANDLING AND STORAGE

- Handling** : Handle in accordance with good industrial hygiene and safety practices. Avoid contact eyes and clothing. Do not eat, drink or smoke while using this product. Ensure adequate ventilation. In case of insufficient ventilation, wear suitable respiratory equipment.
- Storage** : Keep out of the reach of children. Keep tightly closed in a dry, cool and well-ventilated area. Keep away from heat, flames, sparks and other sources of ignition.
- Packaging Materials** : Use original container.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

EXPOSURE GUIDELINES:

<u>Component</u>	<u>ACGIH TLV</u>	<u>OSHA PEL</u>	<u>NIOSH</u>
Ethanol(cas#64-17-5)	TWA: 1,000 ppm	TWA: 1000 ppm TWA: 1900 mg/m ³	TWA: 1000 ppm TWA: 1900 mg/m ³
Propan-2-ol(cas#67-63-0)	TWA: 200ppm	TWA: 400ppm TWA: 980 mg/m ³	TWA: 400ppm TWA: 980 mg/m ³
Glycerin(cas#56-81-5)	TWA: 10mg/m ³ mist	TWA: 15mg/m ³ total particulate	
Hydrogen Peroxide(7722-84-1)	TWA:1ppm	TWA: 1.4mg/m ³	TWA: 1ppm

: No limits are available.

Airborne Exposure Limits:

Engineering Controls

: A system of local and/or general exhaust is recommended to keep employee exposures below the airborne exposure limits. Local exhaust ventilation is generally preferred because it can control the emissions of the contaminant at its source, preventing dispersion into the general work area. Please refer to the ACGIH document; Industrial Ventilation: A manual of Recommended Practices, most recent edition for details.

Personal Protective Equipment

Respiratory Protection: Avoid breathing vapor or mist. When established airborne limits are surpassed wear NIOSH/MSHA approved equipment. Determine the appropriate type of equipment for the specific application by consulting the respirator manufacturer. Observe limitations specified by NIOSH/MSHA or the manufacturer. High airborne concentrations may necessitate the use of self-contained breathing apparatus or a supplied air respirator. Respiratory protection programs must be in compliance with 29CFR 1910. 134.

Skin Protection : Wear impervious gloves when handling this material. We recommend nitrile or neoprene or a combination of nitrile over latex. Skin barrier creams are beneficial. Gloves with long cuffs or separate protective arm covers are also recommended.

Eye Protection : Wear a full-face shield, chemical splash goggles or safety glasses with side shields when handling any chemical.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State	: Liquid
Color	: Clear
Odor	: Alcohol-like.
Boiling Point	: Not Determined
Melting Point	: Not Determined
Freezing Point	: No Data Available
Specific Gravity	: 0.85
Vapor Density	: No Data Available
Vapor Pressure	: Not Determined
Evaporation Rate (Butyl Acetate = 1)	: No Data Available
Relative Density	: No Data Available
Solubility (Water)	: No Data Available
pH	: 6.5-7.0
Flash Point	: ~23 Deg. Celsius /77 Deg F
Auto-Ignition Temperature	: Not Determined
Flammable Limits	: Not Determined
Volatility (w/w)	: No Data Available
VOC Volatility (w/w) Less Exempt Volatile	: No Data Available

10. STABILITY AND REACTIVITY

Stability : This product is stable under recommended conditions of storage and use. Keep container closed and sealed when not in use.

Reactivity : No data available.

Conditions to Avoid : Heat, flames, sparks and other ignition sources.

Hazardous Decomposition Products : None known.

Hazardous Polymerization : Will not occur.

11. TOXICOLOGICAL INFORMATION

Serious Eye Damage/Eye Irritation : Eye irritant. My cause redness, itching and pain.

Skin Irritant : Prolonged contact may cause redness and itchiness.

Ingestion : May cause irritation, nausea, vomiting and diarrhea.

Inhalation : May cause Respiratory tract irritation.

Chronic/Carcinogenicity : Not classified based on the information available.

NTP : No classification(s).

OSHA : No classification(s).

Teratology : No information available.

Reproduction : No information available.

Mutagenicity : No information available.

Acute Toxicity : Overexposure may cause mild irritation of eyes.
Overexposure of the skin may cause irritation, redness, burning and skin sensitization.
Breathing mist or vapors may cause respiratory tract irritation.

STOT- single Exposure : Not classified based on information available

STOT- repeated Exposure : Not classified based on information available.

Routes of Exposure : Skin contact, breathing, ingestion, eye contact.

12. ECOLOGICAL INFORMATION

Ecotoxicity

Ingredients:**Ethanol:**

Toxicity to fish : LC50 (Pimephales promelas (fathead minnow)): > 1,000 mg/l Exposure time: 96 h

Toxicity to daphnia and other aquatic invertebrates : EC50 (Daphnia magna (Water flea)): > 1,000 mg/l Exposure time: 48 h

Toxicity to algae : EC50 (Chlorella vulgaris (Fresh water algae)): 275 mg/l Exposure time: 72 h

Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity) Method: OECD Test Guideline 201

: NOEC (Daphnia magna (Water flea)): 9.6 mg/l Exposure time: 9 d

Toxicity to bacteria : EC50 (Photobacterium phosphoreum): 32.1 mg/l Exposure time: 0.25 h

Propan-2-ol:

Toxicity to fish :LC50 (Pimephales promelas (fathead minnow)): 10,000 mg/l Exposure time: 96 h

Toxicity to daphnia and other aquatic invertebrates : EC50 (Daphnia magna (Water flea)): > 10,000 mg/l Exposure time: 24 h

Toxicity to algae : ErC50 (Scenedesmus quadricauda (Green algae)): > 1,800 mg/l Exposure time: 8 d

Toxicity to bacteria : EC50 (Pseudomonas putida): > 1,050 mg/l Exposure time: 16 h

Persistence and degradability**Ingredients****Ethanol:**

Biodegradability : Result: Readily biodegradable. Biodegradation: 84 % Exposure time: 20 d

Propan-2-ol:

Biodegradability : Result: rapidly degradable

Bioaccumulative potential**Ingredients:**

UN/ID/NA Number : UN1987
Packing Group III
Labels: 3
Marine Pollutant :No

UNRTDG
Proper Shipping Name :Alcohols N.O.S(Ethanol, Propan-2-ol)
Hazard Class 3
UN : UN1987
Packing Group III
Labels: 3

15. REGULATORY INFORMATION

EPCRA
Emergency Planning and Community Right to Know

CERCLA: :Doesn't contain any components with CERCLA RQ

SARA Hazard Category Section 304 :Doesn't contain any components with 304 EHS RQ

SARA Hazard Category Section 311/312 :Fire Hazard

SARA Hazard Category Section 313 :The following components are subject to reporting levels established by SARA Title III, Section 313

Propan-2-ol	67-63-0	3.4086%
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US State Regulations

Pennsylvania Right to Know

Ethanol	64-17-5	60-80%
Propan-2-ol	67-63-0	1-5%
Water	7732-18-5	10-20%
Glycerin	56-81-5	1-5%
Hydrogen Peroxide	7722-84-1	0-1%

New Jersey Right to Know

Ethanol	64-17-5	60-80%
Propan-2-ol	67-63-0	1-5%
Water	7732-18-5	10-20%
Glycerin	56-81-5	1-5%
Hydrogen Peroxide	7722-84-1	0-1%

Massachusetts Right to Know

Ethanol	64-17-5	60-80%
Propan-2-ol	67-63-0	1-5%
Water	7732-18-5	10-20%
Glycerin	56-81-5	1-5%
Hydrogen Peroxide	7722-84-1	0-1%

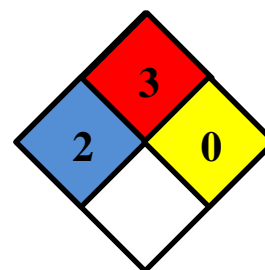
Rhode Island Right to Know

Ethanol	64-17-5	60-80%
Propan-2-ol	67-63-0	1-5%
Water	7732-18-5	10-20%
Glycerin	56-81-5	1-5%
Hydrogen Peroxide	7722-84-1	0-1%

California Proposition 65

: Does not contain any chemicals know to State of California to cause cancer, birth or any other reproductive harm.

National Fire Protection Association (United States)



Hazard Symbol(s)

: Health: 2
Flammability: 2
Instability: 0

Indication of Danger: Flammable, irritant : F, Xi



16. 3 OTHER INFORMATION

Date of Issue : May 15, 2020
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Notice to the Reader:

The data in this Safety Data Sheet relates only to the specific material designated herein and does not relate to use in combination with any other material or in any process. This information is based upon technical information believed to be reliable. It is subject to revision as additional knowledge and experience is gained. 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. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist. A bulletin such as this cannot be expected to cover all possible individual situations. As the user has the responsibility to provide a safe workplace, all aspects of an individual operation should be examine to determine if or where precautions-in addition to those described herein- are required. Any health hazard and safety information contained herein should be passed on

to your customers or employees. The manufacturer must rely on the user to utilize the information provided to develop guidelines and employee instructional programs for safe use.

The information in this Safety Data Sheet should be provided to all who will use, handle, store, transport, or otherwise be exposed to this product. This information has been prepared to assist those working with or handling this product. This information is furnished without any warranty, representation or license of any kind. To the best of the manufacturer's knowledge, the information presented by this document is believed to be accurate. The manufacturer does not assume any legal responsibility for the use of the same. Customers are encouraged to conduct their own tests before using any product. Read the label instructions.