

# Safety Data Sheet

Date Revised: 12/20/2021

## Section 1- Product Identification

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**Product Identifier:** EnviroMed **Hand Sanitizer Gel**

**Product Use:** Hand sanitizer

**Restricted Uses:** Avoid use in food and food products.

**Company Identification:** Unysource Enterprise  
**Address:** Toronto Ontario,  
Canada

**Phone:** 647-214-0650 (for product information)

## Section 2 Hazard(s) Identification

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**Classification:** Flammable liquids Category 3  
Serious eye damage/eye irritation Category 2A

**Signal Word:** Warning!

**Hazard Statements:** Flammable liquid and vapor. Causes serious eye irritation.

### Precautionary Statements

**Preventions:** Keep container tightly closed. Keep away from heat, sparks, open flame, hot surfaces, and other ignition sources. No smoking. Ground and bond container and receiving equipment. Use explosion-proof electrical/ventilating/lighting/equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Wash thoroughly with soap and water after handling. Wear eye protection, face protection, protective clothing, and protective gloves.

**Response:** If on skin (or hair): Remove/take off immediately all contaminated clothing. Rinse skin with water/shower. In case of fire use water spray, alcohol-resistant foam, dry chemical, or carbon dioxide 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.

**Storage:** Store in a well-ventilated place. Keep cool.

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

### Label Pictograms:



## Section 3 Composition/Information on Ingredients

### Contains Hazardous or Regulated Components

Chemical Name	Percentage	CAS Number	EC Number
Ethyl alcohol	70%	67-17-5	200-578-6
Non-hazardous components	30%	Proritory	Proritory

*\*Some items on this SDS may be designated as proprietary and/or trade secrets (TS). The exact % concentration of composition has been withheld as a trade secret*

## Section 4 First-Aid Measures

**Eyes:** Immediately flush eyes thoroughly with water. Remove contact lenses. Continue flushing eyes for at least 15 minutes, including under lids. Seek immediate medical attention.

**Skin:** In case of contact, immediately wash with plenty of soap and water for at least 15 minutes. Seek medical attention if irritation or redness occurs. Remove contaminated clothing and shoes. Clean contaminated clothing and shoes before reuse.

**Ingestion:** Contact poison control . Do not induce vomiting without medical advice. If the individual is fully conscious, rinse mouth with water. Do not give anything by mouth to an unconscious person. Seek immediate medical attention. Do not leave individual unattended. Vomiting may occur spontaneously. To prevent aspiration of swallowed product, lay individual on side with head lower than waist.

**Inhalation:** If respiratory irritation or distress occurs, remove individual to fresh air. Seek medical attention if respiratory irritation or distress continues. If breathing is difficult, give oxygen. If breathing has ceased, apply artificial respiration using oxygen and a suitable mechanical device such as a bag and a mask.

**Notes to Physician:** All treatments should be based on observed signs and symptoms of distress in the patient. Consideration should be given to the possibility that overexposure to materials other than this product may have occurred.

## Section 5 Firefighting Measures

**Flash Point:** 77°F (25°C)

**Autoignition Temperature:** Not available

**Hazardous Combustion Products:** Burning or thermal decomposition creates carbon oxides, unburned hydrocarbons, or other toxic fumes.

**Unusual Fire & Explosion Hazards:** Flammable liquid and vapor. Properly ground and bond containers during transfers.

**Extinguishing Media:** Use dry chemical, CO<sub>2</sub>, alcohol-resistance foam, and/or water fog.

**Special Firefighting Procedures:** Use full fire-bunker assembly with SCBA and water spray for exposure protection. Do not use a solid water stream, as it may scatter and spread fire.

## Section 6 Accidental Release Measures

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Wear appropriate protective gear for the situation. .

**Containment of Spill:** Evacuate and isolate the area. Remove all ignition sources. Ventilate the area if it can be done safely. Keep upwind and uphill from the spilled material. Dike or retain water used for dilution or firefighting for later disposal. Follow disposal procedure described in **Section 13**. Prevent entry into waterways, sewer, basements, or confined areas. Use caution as spilled material may create a slip hazard. Product should not be released into the environment.

**Cleanup and Disposal of Spill:** Vacuum or pump spills and collected material into an appropriate storage container. For spill residue, use absorbent materials such as dry earth, sand, or other noncombustible material. Use not-sparking tools. If diluting with water, collect water runoff for proper disposal per federal and state regulations.

**Environmental and Regulatory Reporting:** Runoff from fire control or dilution water may cause pollution.

## Section 7 Handling and Storage

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**Minimum/Maximum Storage Temperature:** Store at ambient temperatures.

**Handling:** Danger! FLAMMABLE liquid and vapor. Keep away from incompatible materials, heat, sparks, electrical equipment, fire, and all ignition sources. Use appropriate safety equipment. Ground containers when transferring. Empty containers are very hazardous. Refer to NFPA-77 and/or API RP 2003 for specific bonding/grounding requirements. Avoid inhalation or contact with eyes, skin, or clothing. Avoid prolonged or repeated exposure. Use with adequate ventilation. Wash contaminated clothing before reuse.

**Storage:** Store in tightly closed containers in area that is cool, dry, well-ventilated, and out of direct sunlight. Store the product in original container or appropriate end-use container. Keep away from open flames, hot surfaces, and sources of ignition. Keep from freezing.

## Section 8 Exposure Controls/Personal Protection

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**Exposure Guidelines:**

	<u>TWA</u>	<u>STEL</u>
Ethyl alcohol (64-17-5)		
ACGIH	1000 ppm	1000 ppm
OSHA	1000 ppm	Not available

**Engineering Controls:** The following traditional exposure techniques may be used to effectively minimize employee exposures:

**Eye protection:** When engaged in activities where product could contact the eye, wear safety glasses with side shields, goggles, or face shield.

**Skin protection:** Skin contact should be minimized through use of butyl rubber, nitrile, or other chemical resistant material and suitable long-sleeved chemical splash clothing. Protective clothing must be durable and permeation resistant.

**Respiratory protection:** Avoid actions that cause vapor exposure to occur. Use local or general ventilation to control exposures below applicable exposure limits.

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**Work Practice Controls:** Personal hygiene is an important exposure-control measure. The following general measures should be taken when working with or handling this material:

**Hygiene:** Wash hands and face carefully before eating, drinking, using tobacco, applying cosmetics, or using the toilet. Do not store or consume foods, beverages, or tobacco products in areas where this material is stored.

**Exposure control:** Wash exposed skin promptly to remove accidental splashes or contact with this material.

## Section 9 Physical and Chemical Properties

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### Information on Basic Physical and Chemical Properties

<b>Physical state:</b>	Viscous gel
<b>Appearance:</b>	Colorless
<b>Odor:</b>	Alcohol
<b>Odor threshold:</b>	Not available

<u>Property</u>	<u>Values (Method)</u>
<b>Freezing point:</b>	Not available
<b>Boiling point:</b>	Not available
<b>Flash point:</b>	77°F (25°C)
<b>Evaporation rate:</b>	1.7 (butyl acetate = 1)
<b>Flammability (solid/gas):</b>	Not applicable
<b>Vapor pressure:</b>	Not available
<b>Vapor density:</b>	2.1
<b>Specific gravity (H<sub>2</sub>O=1):</b>	0.881
<b>Solubility in water:</b>	Soluble
<b>Partition coefficient (n-octanol/water):</b>	Log Pow -0.32

<b>Decomposition temp.:</b>	Not available
<b>pH:</b>	Not available
<b>Autoignition temp.:</b>	Not available
<b>Viscosity:</b>	Not available
<b>Lower/upper explosive limits:</b>	Not applicable
<b>Crystallization temp.:</b>	Not available
<b>VOC content:</b>	> 90%
<b>Density:</b>	7.35 lb/gal
<b>Bulk density:</b>	Not applicable

## Section 10 Stability and Reactivity

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**Stability:** Stable under normal conditions.

**Conditions to Avoid:** Isolate from heat and open flame. Avoid high temperatures and incompatible materials. Do not allow to freeze.

**Hazardous Polymerization:** Hazardous polymerization will not occur.

**Incompatibility With Other Materials:** Reactive with strong oxidizing agents, flammable solids, self-reactive substances and mixtures, and water-reactive substances

**Hazardous Decomposition:** Burning or thermal decomposition creates carbon oxides, unburned hydrocarbons, or other toxic fumes.

## Section 11 Toxicological Information

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### Acute Eye and Skin Toxicity Data:

Ethyl alcohol (64-17-5)		
Inhalation LC50	Rat	20000 mg/mL (10 hours, vapor)
Oral LD50	Rat	7060 mg/kg

### Information on Potential Routes of Exposure:

**Eyes:** Avoid contact with eyes. Causes serious eye irritation. Symptoms may include stinging, tearing, and redness.

**Skin:** Not classified based on available information.

**Inhalation:** Inhalation of high vapor concentrations may cause symptoms like headache, dizziness, tiredness, nausea and vomiting

**Ingestion:** Do not ingest material. May cause gastrointestinal distress, vomiting, and/or diarrhea.

**Target Organ Effects:** Not available

**Teratology:** Not available

**Mutagenicity:** Not available

**Reproduction:** Not available

**Chronic Toxicity:** This product contains substance(s) that are considered by OSHA, NTP, IARC, or ACGIH to be "probable" or "suspected" human carcinogens: Ethyl alcohol - IARC Group 1, ACGIH A3,

## Section 12 Ecological Information

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**Chemical Fate Information:** Not available

**Ecotoxicity:** Potential significant ecotoxicity in the event of exposure to aquatic organisms and systems.

Ethyl alcohol (64-17-5)		
LC50	Fathead minnow	14,200 mg/L (96 hours)
EC50	Water flea	9268 mg/L (48 hours)

**Persistence/Degradability:** Readily biodegradable

**Bioaccumulative Potential:** Not available

## Section 13 Disposal Considerations

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**Waste Disposal:** Chemical additions, processing, or otherwise altering this material may make the waste management information presented in this SDS incomplete, inaccurate, or otherwise inappropriate. Dispose of waste material according to local, state, and federal regulations.

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**Container Disposal Method:** Emptied container may contain product residue and should not be reused.

## Section 14 Transport Information

Special provision of transport- Not available

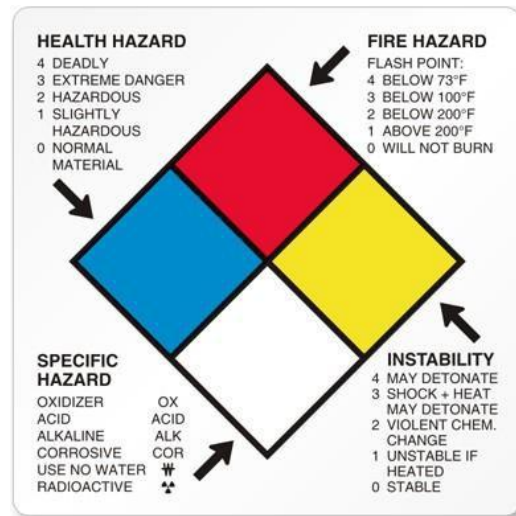
## Section 15 Other Information

**National Fire Protection Association (NFPA) Ratings:**

Health: 2

Flammability: 3

Reactivity: 0



<b>Hazardous Material Information System (HMIS):</b>	<b>Health</b>	<b>2</b>
	<b>Flammability</b>	<b>3</b>
	<b>Physical Hazard</b>	<b>0</b>
	<b>Personal Protection</b>	<b>D</b>

NFPA/HMIS Definitions: 0-Least, 1-Slight, 2-Moderate, 3-High, 4-Extreme

# Safety Data Sheet

**Disclaimer:** The information contained in this document is given in good faith and based on Unysource enterprise current knowledge. This information is not a substitute for necessary prior tests, which alone can ensure that a product is suitable for a given use. Users are responsible for ensuring compliance with local legislation and for obtaining the necessary certifications and authorizations.

END OF SDS