

Alcohol Hand Sanitizer (NPN 80098935) Version 0.1**1. IDENTIFICATION**

Product name: Alcohol Hand Sanitizer
Product Code: LF0003
SDS #: 0003
Recommended use: Skin care; Sanitizer

Manufacturer Information:

Company name: Acenzia Inc
Address: 1580 Rossi Drive, Tecumseh, ON, N9A 6J3 Canada
Telephone: 519-737-0470

Emergency Phone Number:
CANUTEC (613) 996-666 (international); 1-888-226-8832 (North America)

2. HAZARDS IDENTIFICATION**GHS Classification**

Flammable liquids : Category 3
Eye irritation : Category 2

Hazard pictograms :



Hazard statements : Flammable liquid and vapor. Causes serious eye irritation

Precautionary statements:**Prevention:**

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Keep the 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 eye protection/ face protection.

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 dry sand, dry chemical or alcohol-resistant foam to extinguish.

Storage:

Store in a well-ventilated place. Keep cool between 15°C-30°C.

Disposal:

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

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3. COMPOSITION/INFORMATION ON INGREDIENTS
Hazardous components:

Chemical name	CAS-No.	Concentration (% w/w)
Ethanol (Ethyl alcohol)	67-63-0	65 - 80 %
Glycerin	56-81-5	0.6-0.8 %

Note: Other ingredient- Fragrance (non-hazardous)

4. FIRST AID MEASURES

If inhaled	:	If inhaled, remove to fresh air. If symptoms persist, call a physician.
In case of skin contact	:	Wash with water and soap as a precaution. Get medical attention if irritation develops and persists.
In case of eye contact	:	In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. If easy to do, remove contact lens, if worn. Seek medical advice.
If swallowed	:	If swallowed, DO NOT induce vomiting. Rinse mouth with water. Obtain medical attention.
Most important symptoms and effects, both acute and delayed	:	Causes serious eye irritation.
Protection of first aiders	:	First Aid responders should pay attention to self-protection and use the recommended protective clothing

5. FIREFIGHTING MEASURES

Specific methods	:	No special methods required.
Suitable extinguisher media	:	Not Applicable
Suitable extinguisher media	:	Not Applicable
Special protective equipment for firefighters	:	In the event of fire, wear self-contained breathing apparatus. Use personal protective equipment

6. ACCIDENTAL RELEASE MEASURES

Personal precautions	:	Use personal protective equipment.
Environmental precautions and cleanup methods	:	Large spill: Absorb spill with inert material (dry sand or earth) then place in a chemical waste container. Use a water rinse for final clean up

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7. HANDLING AND STORAGE

- Advice on safe handling : For personal protection see section 8. Keep away from heat. Use with local exhaust ventilation. Avoid contact with eyes.
- Conditions for safe storage : Take measures to prevent the buildup of electrostatic charge. Keep in properly labelled containers. Keep containers tightly closed in a dry, cool and well- ventilated place.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION
Exposure Guidelines:

Ingredients	CAS #	ACGIH	OSHA
Ethanol (Ethyl alcohol)	64-17-5	1000 ppm (STEL)	1,000 ppm
Glycerin	56-81-5	Not available	Not available

Personal protective equipment:

- Respiratory protection : No personal respiratory protective equipment normally required.
- Hand protection : No special protective equipment required.
- Eye protection : Wear a face-shield and protective suit for abnormal processing problems.
- Skin and body protection : No special measures necessary provided the product is used correctly.
- Protective measures : Choose body protection in relation to its type, to the concentration and amount of dangerous substances, and to the specific workplace.
Ensure that eye flushing systems and safety showers are located close to the working place.
- Hygiene measures : Handle in accordance with good industrial hygiene and safety practice. Avoid contact with eyes.

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Appearance	: liquid
Colour	: clear
Odour	: Alcohol
Odour Threshold	: No data available
pH	: 7.5
Melting point/freezing point	: No data available
Initial boiling point and boiling range	: No data available
Flash point	: 25.00°C
Evaporation rate	: No data available
Flammability (solid, gas)	: Not applicable
Upper explosion limit	: No data available
Lower explosion limit	: No data available
Vapour pressure	: No data available
Relative vapour density	: No data available
Density	: 0.84-0.86 g/cm ³

Solubility(ies):

Water solubility	: liquid
Partition coefficient: n-octanol/water	: clear
Auto-ignition temperature	: Alcohol
Decomposition temperature	: No data available

10. STABILITY AND REACTIVITY

Reactivity	: Not classified as a reactivity hazard
Chemical stability	: Stable under normal conditions
Possibility of hazardous reactions	: Vapours may form explosive mixtures with air
Conditions to avoid	: Heat, flames and sparks
Incompatible materials	: Strong oxidizing agents Flammable solids Self-reactive substances and mixtures Water-reactive substances

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Information on likely routes of exposure: Skin contact, inhalation, eye contact

Delayed, immediate, or chronic effects and symptoms from short and long-term exposure:

Skin contact	:	May be mildly irritating to skin; symptom may include redness
Eye contact	:	May be mildly irritating to eyes
Ingestion	:	No information available
Inhalation	:	No information available
Sensitization	:	No known effects
Target of Organ (SE)	:	No information available
Targets of Organs (RE)	:	None known
Carcinogen listings	:	Not classified based on available information

12. ECOLOGICAL INFORMATION

Ecotoxicity	:	No information available
Persistence and Degradability	:	No information available
Bioaccumulation	:	No information available

13. DISPOSAL CONSIDERATION

Waste from residues / unused products (Undiluted product): This product, as sold, if discarded or disposed, is a hazardous waste according to Federal regulations (40 CFR 261.4(b)(4)). Under RCRA, it is the responsibility of the user of the product to determine, at the time of disposal, whether the waste solution meets RCRA criteria for Hazardous waste. Dispose in compliance with all Federal, state, provincial, and local laws and regulations.

RCRA Hazard Class (undiluted product): D001 Ignitable Waste
Contaminated Packaging: Do not re-use empty containers.

14. TRANSPORT INFORMATION

DOT (Ground) Bill of Lading Description: UN1170, Ethanol (Ethyl alcohol) 3.II
IMDG (Ocean) Bill of Lading Description: UN1170, Ethanol (Ethyl alcohol) 3.II

15. REGULATORY INFORMATION**US Federal regulations**

Ethyl alcohol 70-80% v/v 64-17-5
SARA Section 311/312 Hazard Classes: Fire Hazard

Canada

Ethyl alcohol 70-80% v/v 64-17-5
WHMIS Classification Regulated: Class B Division 3 - Combustible Liquid Class D Division 2 Subdivision A - Very toxic material causing other toxic effects

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16. OTHER INFORMATION

NFPA (National Fire Protection Association)

Rating Scale: (Low Hazard) 0-4 (Extreme Hazard)

Health 2

Flammability 3

Instability 0

Special Hazards –

Prepared date: June 17, 2020