

## **SAFETY DATA SHEETS**

**This SDS packet was issued with item:**

071249341

**The safety data sheets (SDS) in this packet apply to one or more components included in the items listed below. Items listed below may require one or more SDS. Please refer to invoice for specific item number(s).**

071249333

**Alcohol Hand Sanitizer**      Version 0.0

NPN 80098935

**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 2  
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, Away from heat, spark.

**Disposal:**

Dispose of in accordance with federal, state and local applicable regulations.

**Alcohol Hand Sanitizer**      Version 0.0**3. COMPOSITION/INFORMATION ON INGREDIENTS****Hazardous components:**

Chemical name	CAS-No.	Concentration (% w/w)
Ethanol (Ethyl alcohol)	64-17-5	60 - 80 %
Glycerin	56-81-5	0.6 - 0.8 %

**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.

**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

**Alcohol Hand Sanitizer**      Version 0.0**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 : No personal protective equipment required under normal use conditions.
- Skin and body protection : No personal protective equipment required under normal use conditions
- Hygiene measures : Handle in accordance with good industrial hygiene and safety practice. Avoid contact with eyes.

**Alcohol Hand Sanitizer**      Version 0.0**9. PHYSICAL AND CHEMICAL PROPERTIES**

Appearance	: liquid
Color	: clear
Odor	: Alcohol
Odor 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
Vapor pressure	: No data available
Relative vapor density	: No data available
Density (relative to water)	: 0.86

## Solubility(ies):

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

## Viscosity:

Viscosity, kinematic	: No information available
Explosive properties	: Not explosive
Oxidizing properties	: The substance or mixture is not classified as oxidizing.

**10. STABILITY AND REACTIVITY**

Reactivity	: Not classified as a reactivity hazard
Chemical stability	: Stable under normal conditions
Hazardous decomposition products	: None reasonable foreseeable
Conditions to avoid	: Heat, flames and sparks
Materials to avoid	: No information available

**Alcohol Hand Sanitizer**      Version 0.0**11. TOXICOLOGICAL INFORMATION**

**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	: We do not manufacture isopropyl alcohol; therefore, it is not considered a carcinogen in our product.

**12. ECOLOGICAL INFORMATION**

Eco toxicity	: 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: UN1987, ALCOHOLS, N.O.S., (ethanol, isopropanol), 3, II  
IMDG (Ocean) Bill of Lading Description: UN1987, ALCOHOLS, N.O.S., (ethanol, isopropanol), 3, II,  
(21.1 °C (cc))

**Alcohol Hand Sanitizer**      Version 0.0**15. REGULATORY INFORMATION**

International Inventories at CAS# Level

This is a personal care product which is subject to regulations by the US FDA and Health Canada. The product and its ingredients were assessed for safety and labeled for the appropriate intended use. This product is exempt under US Hazcom 2012 and the Canadian WHMIS 2015 regulations, including the requirement to provide an SDS. Diversity is providing this Globally Harmonized System (GHS) format SDS as a service to our customers and to provide additional safety information to supplement the label information.

**RIGHT TO KNOW (RTK)**

Ingredient(s)	CAS #	MARTK:	NJRTK:	PARTK:	RIRTK:
Ethanol (Ethyl alcohol)	64-17-5	X	X	X	-
Glycerin	56-81-5	X	X	X	-

**CERCLA/ SARA**

Ingredient(s)	CAS #	Weight %	CERCLA/SARA RQ (lbs)	Section 302 TPQ (lbs)	Section 313
Ethanol (Ethyl alcohol)	64-17-5	5-10%			X

**Canadian Regulations**

Ingredient(s)	CAS#	NPRI
Ethanol (Ethyl alcohol)	64-17-5	X

Natural Product Number:

**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 by: Acenzia Quality on April 9, 2020

**Alcohol Hand Sanitizer Gel, (NPNs 80100859 & 80100333)****1. IDENTIFICATION**

**Product name:** Alcohol Hand Sanitizer (USP Grade)  
**Product Code:** LF0005/LF0006/LF0007/LF0008/  
LF0009/LF0010/LF0011

**SDS #:**  
**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.

**Alcohol Hand Sanitizer Gel, (NPNs 80100859 & 80100333)****3. COMPOSITION/INFORMATION ON INGREDIENTS****Hazardous components:**

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

**Note:** Other ingredients- Thickening agents, 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

**Alcohol Hand Sanitizer Gel, (NPNs 80100859 & 80100333)****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 (USP 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.

**Alcohol Hand Sanitizer Gel, (NPNs 80100859 & 80100333)****9. PHYSICAL AND CHEMICAL PROPERTIES**

Appearance	: Gel
Colour	: Whitish gel
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 <sup>3</sup>

## Solubility(ies):

Water solubility	: soluble
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## Viscosity:

Viscosity, kinematic	: 1.600 – 2.400 cPs (20 °C)
Explosive properties	: Not explosive
Oxidizing properties	: The substance or mixture is not classified as oxidizing.

**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

**Alcohol Hand Sanitizer Gel, (NPNs 80100859 & 80100333)****11. TOXICOLOGICAL INFORMATION**

**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

**Alcohol Hand Sanitizer Gel, (NPNs 80100859 & 80100333)**

**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

Revision: 01