Simply Sanitizer

GEL Topical Solution

Safety Data Sheet

Froggy's Fog LLC
302 Rutherford Lane
Columbia, TN 38401
United States
Phone: (615) 469-4906

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Version: 1.1
Revision Date: 06/16/2020

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY

1.1. Product Identifier

Product Form: Mixture

Product Name: Simply Sanitizer

1.2. Intended Use of the Product

Use of the Substance/Mixture: Hand Sanitizer

Restrictions on use: This is a personal care or cosmetic product that is safe for consumers and other users under normal and reasonably foreseeable use. Cosmetics and consumer products, specifically defined by regulations around the world, are exempt from the requirement of an SDS for the consumer. While this material is not considered hazardous, this SDS contains valuable information critical to the safe handling and proper use of the product for industrial workplace conditions as well as unusual and unintended exposures such as large spills. This SDS should be retained and available for employees and other users of this product.

Product dilution information: Product is sold ready to use

1.3. Name, Address, and Telephone of the Responsible Party

Froggy's Fog LLC
302 Rutherford Lane
Columbia, TN 38401
1-615-469-4906
www.froggysfog.com

1.4. Emergency Telephone Number

Chemtrec: (800) 424-9300

SECTION 2: HAZARDS IDENTIFICATION

2.1. Classification of the Substance or Mixture

Classification (GHS-US)

Flammable Liquid 3

Eye Irritant 2A

2.2. Hazard Pictograms:

2.3. Signal Word: WARNING

2.4. Hazard Statements:

H226 Flammable liquid and vapor

H319 Causes serious eye irritation

2.5. 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, ventilating and lighting equipment

P242 Use only non-sparking tools.

P243 Take precautionary measures against static discharge.

P280 Wear eye protection & face protection.

Response:

P305, P351, P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337, P313 If eye irritation persists: Get medical advice/attention.

Storage:

P403, P235 Store in a well-ventilated place. Keep cool.

Disposal:

P501 Dispose of contents & container in an approved waste disposal plant.

2.6. Other Hazards: Vapors may form explosive mixture with air.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1. Substance

Not applicable

3.2. Mixture

Chemical Name	CAS-No.	Concentration (%)
Ethyl Alcohol	64-17-5	>80%
Water	7732-18-5	<18.425%
Glycerin	56-81-5	>1.45%
Hydrogen Peroxide	7722-84-1	>0.125%
Acrylate Polymer	Trade Secret	<1%
Polyethylene Glycol	25322-68-3	<2.5%

SECTION 4: FIRST AID MEASURES

First aid measures if inhaled:

Move to fresh air. Get medical attention immediately if symptoms occur. May cause allergic respiratory reaction. If breathing has stopped, contact emergency medical services immediately and give artificial respiration.

First aid measures for skin contact:

When used according to the directions, skin contact is expected. In the case of skin irritation or allergic reactions see a physician.

First aid measures in case of eye contact:

Immediately flush eyes with plenty of water for at least 15 minutes.

First aid measures if swallowed:

DO NOT induce vomiting. Get medical attention if symptoms occur. Rinse mouth thoroughly with water.

SECTION 5: FIREFIGHTING MEASURES

5.1. Extinguishing Media

Suitable Extinguishing Media: Water Spray. Carbon dioxide. Alcohol- resistant foam. Dry chemical.

Unsuitable Extinguishing Media: Do not use a heavy water stream. Use of heavy stream of water may spread fire.

5.2. Special Hazards Arising From the Substance or Mixture

Fire hazard: Do not use a solid water stream as it may scatter and spread fire. Flash back possible over considerable distance. Vapors may form explosive mixtures with air. Exposure to combustion products may be a hazard to health.

5.3. Advice for Firefighters

Protection during firefighting: Keep upwind of fire. Wear full firefighting turn-out gear (full Bunker gear) and respiratory protection (SCBA). Use water spray to keep fire- exposed containers cool.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal Precautions, Protective Equipment and Emergency Procedures

General Measures: Use personal protections recommended in Section 8. Isolate the hazard area and deny entry to unnecessary and unprotected personnel. Eliminate sources of ignition.

6.1.1. For Non-emergency Personnel

Protective Equipment: Use appropriate personal protection equipment (PPE).

Emergency Procedures: Evacuate unnecessary personnel. Eliminate sources of ignition.

6.1.2. For Emergency Responders

Protective Equipment: Equip cleanup crew with proper protection.

Emergency Procedures: Ventilate area.

6.2. Environmental Precautions

Prevent entry to sewers and public waters.

6.3. Methods and Material for Containment and Cleaning Up

For Containment: Contain and/or absorb spill with inert material (e.g. sand, vermiculite), then place in a suitable container. Do not flush to sewer or allow to enter waterways. Use appropriate Personal Protective Equipment (PPE).

Methods for Cleaning Up: Scoop up material and place in a disposal container. Provide ventilation. For large spills, provide diking or other appropriate containment to keep material from spreading. If diked material can be pumped, store recovered material in appropriate container. Clean up remaining materials from spill with suitable absorbent. Local or national regulations may apply to releases and disposal of this material, as well as those materials and items employed in the clean-up of releases. You will need to determine which regulations are applicable. Sections 13 and 15 of this SDS provide information regarding certain local or national requirements.

6.4. Reference to Other Sections

See section 8, Exposure Controls and Personal Protection.

SECTION 7: HANDLING AND STORAGE

7.1. Precautions for Safe Handling

Additional hazards when processed. Handle empty containers with care because residual vapours are flammable. Keep away from sources of ignition - No smoking. Avoid contact with eyes. Avoid breathing vapour or mist. Handle and open container with care. Take precautionary measures against static discharge. Use only non-sparking tools. When using do not eat or drink. Use only outdoors or in a well- ventilated area.

7.2. Conditions for Safe Storage, Including Any Incompatibilities

Technical Measures: Proper grounding procedures to avoid static electricity should be followed.

Storage Conditions: Keep out of the reach of children. Keep container tightly closed and in a well-ventilated place. Keep away from heat, sparks, and flame. Keep cool.

Incompatible Products: Do not store with the following product types: Strong oxidizing agents, organic peroxides, flammable solids, gas, pyrophoric liquids or solids, explosives, self-heating substances or mixtures.

7.3. Specific End Use(s)

Hand sanitizer. Keep out of the reach of children.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control Parameters

Ethanol (64-17-5):

Agency	Exposure Type	Concentration
OSHA	Permissible Exposure Limit – Time Weighted Average	1900 mg/m³ 1000 ppm
OSHA	IDLH	3300 ppm (10% LEL)
ACGIH	Threshold Limit Value – Short Term Exposure Limit	1000 ppm
NIOSH	Recommended Exposure Limit – Time Weighted Average	1900 mg/m³ 1000 ppm

8.2. Exposure Controls

Appropriate Engineering Controls : Good general ventilation should be sufficient to control worker exposure to airborne contaminants.

Personal Protective Equipment : Not generally required. The use of personal protective equipment may be necessary as conditions warrant.

Materials for Protective Clothing : No special protective equipment required during normal use. For large quantities, wear suitable protective clothing.

Hand Protection	: No special protective equipment required during normal use. For large quantities, wear impervious gloves.
Eye Protection	: No special protective equipment required during normal use. For large quantities, Chemical goggles or safety glasses.
Respiratory Protection	: Use NIOSH-approved air-purifying or supplied-air respirator where airborne concentrations of vapor or mist are expected to exceed exposure limits.
Other Information	: Do not eat, smoke or drink where material is handled, processed or stored. Wash hands carefully before eating or smoking. Handle according to established industrial hygiene and safety practices.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on Basic Physical and Chemical Properties

Physical State	: Liquid
Appearance	: Clear.
Odor	: Alcohol
Odor Threshold	: No data available
pH	: 6.0-7.5, 100%
Relative Evaporation Rate	: No data available
Melting Point	: No data available
Freezing Point	: No data available
Boiling Point	: No data available
Flash Point	: 25°C
Auto-ignition Temperature	: >425°C
Decomposition Temperature	: No data available
Flammability (solid, gas)	: No data available
Vapor Pressure	: No data available
Relative Vapor Density at 20 °C	: No data available
Relative Density	: 0.847 at 20°C
Bulk Density	: 7.04 lb/gal
Solubility	: Soluble in water
Log Pow	: No data available
Log Kow	: No data available
Viscosity, Kinematic	: No data available
Viscosity, Dynamic	: No data available
Explosive Properties	: No data available
Oxidizing Properties	: No data available
Explosive Limits	: 3.3% - 19%

9.2. Other Information No additional information available

SECTION 10: STABILITY AND REACTIVITY

10.1. Reactivity: Hazardous reactions will not occur under normal conditions.

10.2. Chemical Stability: Stable under normal conditions. May form flammable/explosive vapour-air mixture. Keep in a cool place.

10.3. Possibility of Hazardous Reactions: No dangerous reaction known under conditions of normal use. Flammable liquid and vapor. Vapors may form explosive mixture with air. Can react with strong oxidizing agents.

10.4. Conditions to Avoid: Heat. Incompatible materials. Ignition sources.

10.5. Incompatible Materials: Oxidizing agents.

10.6. Hazardous Decomposition Products: Carbon oxides (CO, CO2)

SECTION 11: TOXICOLOGICAL INFORMATION

Ethanol (64-17-5)

LD50 oral rat 7060 mg/kg
LC50 inhalation rat 124.7 mg/l/4h

Skin corrosion/irritation: Based on available data, classification criteria are not met. Serious eye damage/irritation: Causes eye irritation.

Respiratory or skin sensitization: Based on available data, classification criteria are not met. Germ cell mutagenicity: May cause genetic defects.

Carcinogenicity: May cause cancer.

IARC group 1 - Carcinogenic to humans

Reproductive toxicity: May damage fertility or the unborn child.

Specific target organ toxicity (single exposure): Based on available data, the classification criteria are not met.

Specific target organ toxicity (repeated exposure): Based on available data, the classification criteria are not met.

Aspiration hazard: Based on available data, the classification criteria are not met.

Symptoms/injuries after inhalation: No known adverse effects. May cause nausea, dizziness or vomiting if large quantities are inhaled.

Symptoms/injuries after skin contact: No known adverse effects. May cause slight skin irritation in sensitive individuals.

Symptoms/injuries after eye contact: Causes eye irritation. Symptoms may include discomfort or pain, excess blinking and tear production, with marked redness and swelling of the conjunctiva

Symptoms/injuries after ingestion: May be harmful if swallowed in large quantities. May cause stomach distress, nausea or vomiting. Signs of alcohol intoxication.

SECTION 12: ECOLOGICAL INFORMATION

12.1. Toxicity: Ecology - general: May cause long-term adverse effects in the aquatic environment.

12.2. Persistence and degradability: Not established

12.3. Bio accumulative potential: Not established.

12.4. Mobility in soil: No additional information available

12.5. Other adverse effects: Effect on the global warming: No known ecological damage caused by this product.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

Waste Disposal Recommendations: Dispose of waste material in accordance with all local, regional, national, and international regulations.

SECTION 14: TRANSPORT INFORMATION

14.1. DOT: UN Number UN1170

14.2. UN Proper Shipping Name Ethanol Solution, 80%
Class 3
Packing Group II

14.3. Additional Information

Other information : ERG Code - 127

Marine Pollutant : No

14.4. IATA-DGR Shipping Name and Description: UN1170 Proper Shipping name: Ethanol Solution, 80%

Class: 3

Packaging Group/Category: II

Labels: Flammable Liquids

Packing instructions (cargo aircraft): 220 L

Packing instructions (Passenger aircraft): 60 L

14.5. IMDG-Code Shipping Name and Description: UN1170 Proper Shipping name: Ethanol Solution, 80%

Class: 3

Packaging Group/Category: II

EmS Code F-E, S-D

SECTION 15: REGULATORY INFORMATION

15.1. US Federal Regulations

SARA 313

Section 313 of Title 111 of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

SARA 311/312 Hazard Categories

Acute Health Hazard: No

Chronic Health Hazard: No

Fire Hazard: Yes

Sudden Release of Pressure Hazard: No

Reactive Hazard: No

Clean Water Act (CWA)

This product does not contain any substances regulated as pollutants pursuant to the CWA (40 CFR 122.21 and 40 CFR 122.42).

CERCLA

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material

15.2. US State Regulations

California Proposition 65 - NONE

This product does not contain any Proposition 65 chemicals.

U.S. State Right-to-Know Regulations

Ethyl Alcohol (64-17-5): Massachusetts

Glycerin (56-81-5): New Jersey, Massachusetts, Pennsylvania, Rhode Island

15.3. International Regulations

CANADIAN WORKPLACE HAZARDOUS MATERIALS INFORMATION SYSTEM (WHMIS) 1988

CCOHS WHMIS 1988 Classification: D2B - Poisonous and infectious material Other effects - Toxic

WHMIS 1988 Health Effects Criteria Met by this Chemical: D2B - Eye irritation - toxic - other

WHMIS 1988 Ingredient Disclosure List: Included for disclosure at 0.1% or greater.

SECTION 16: OTHER INFORMATION

NFPA Diamond :

Revision date : 06/16/2020

Other Information : This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200.

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product