



Safety Data Sheet

Issue Date: 02-14-2020

Version: 2.00

1. IDENTIFICATION

Product Identifier

Product Name	Hand Sanitizer Gel Isopropanol Alcohol 75% v/v
Product Code	100095
CAS No.	67-63-0

Details of the supplier of the safety data sheet

Supplier Address	Guardex Labs, Inc. 3580 SW 30 th Avenue Fort Lauderdale, Florida 33312
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Emergency Telephone Number

Company Phone Number	954-689-7111
Emergency Telephone (24 hr.)	954-953-0109

2. HAZARDS IDENTIFICATION

Classification of the mixture

Physical Hazards	Flam. Liq. 2 H225
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Health Hazards	Eye Irritant. 2A - H319
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GHS Label Pictograms



Signal Word	DANGER
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Hazard Statements	H225
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H319

H336

Precautionary Statements

P305+P351+P338+P337

If in eyes: Rinse cautiously with for several minutes. Remove contact lenses, if and easy to do. Continue rinsing. if eye irritation persists: Get medical advice.

P313

P337 + P313

P304 + P340

IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

P370 + P378

In case of fire: Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide for extinction.

P312

Call a Doctor if you feel unwell.

P210

Keep away from heat, sparks, open flames, and hot surfaces. No smoking.

P233

Keep container tightly closed.

P403

Store in a well-ventilated place.

P264

Wash hands thoroughly after handling.

P280

Wear eye protection.

P261

Avoid breathing mist, spray, vapors.

P271

Use only outdoors or in a well ventilated area.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Isopropyl Alcohol	CAS # 67-63-0	70-75%
Water	CAS # 7732-18-5	20-29%

4. FIRST AID MEASURES

First Aid Measures

Eye Contact Do not rub eye. Rinse immediately with plenty of water, also under the eyelids, for at least 15 Minutes. If eye irritation persists: Get medical attention.

Skin Contact No irritation or reaction is expected. If skin irritation does occur, flush with plenty of water.

Inhalation Remove to fresh air.

Ingestion DO NOT induce vomiting. Get medical attention. Give activated charcoal. Call Poison Information Centre. Doctor: gastric lavage.

Most important symptoms and effects

Eye Contact Rinse immediately with plenty of water. Do not apply neutralizing agents. Take Victim to an ophthalmologist if irritation persists.

Symptoms/injuries after inhalation:

EXPOSURE TO HIGH CONCENTRATIONS: Coughing. Dry/Sore throat. Central nervous system depression. Dizziness. Headache. Narcosis.

Symptoms/injuries after skin contact:

Dry skin.

Symptoms/injuries after eye contact:

Irritation of the eyes tissue.

Symptoms/injuries after ingestion:

AFTER ABSORPTION OF HIGH QUANTITIES: Central nervous system depression. Headache. Dilation of the blood vessels. Low arterial pressure. Nausea. Vomiting. Abdominal pain. Disturbed motor response. Disturbances of consciousness. FOLLOWING SYMPTOMS MAY APPEAR LATER: Body temperature fall. Slowing respiration.

Chronic Symptoms:

ON CONTINUOUS/REPETITIVE EXPOSURE/CONTACT: Red skin. Dry skin. Itching. Cracking of the skin. Skin rash/inflammation. Impaired memory.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media Dry chemical. Carbon dioxide (CO₂). Water Spray. Polyvalent foam. BC powder.

Unsuitable Extinguishing Media Solid water jet ineffective as extinguishing medium.

Specific Hazards Arising from the Mixture Flammable

Explosion Hazard:

Protective equipment and precautions for firefighters As in any fire, wear SCBA and full protective gear.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal precautions Use personal protection recommended in Section 8.

Environmental Precautions Discharge in the environment must be avoided.
Prevent any further leakage if safe to do so.
Local authorities should be advised if significant spillages cannot be contained.

Methods and materials for containment and cleaning up

Methods for containment Prevent further leakage or spillage if safe to do so.
Non-sparking tools should be used.
Suppress vapors with a water mist/spray.
For larger spills mitigate any further spreading by diking.
Clean up remaining materials from spills with suitable Absorbent.

Methods for Clean-Up Rinse area thoroughly. Spill area may be slippery.
Local authorities should be advised if significant spillages cannot be contained.

7. HANDLING AND STORAGE

Precautions for safe handling

Advice on Safe Handling Handle in accordance with good industrial hygiene and safety practice. Use personal protection recommended in Section 8.
Do not breath vapors or spray mists.
Do not swallow.
Do not get into eyes.
Avoid prolonged contact with skin.
Non-sparking tools should always be used.
Keep container tightly closed
Keep away from heat and sources of ignition.
Take precautionary measures against static discharges.
Take care to prevent spills, waste and minimize any release to the environment.

Conditions for safe storage Keep in properly labeled containers.
Keep containers tightly closed
Store in a cool, well ventilated place.
Always follow federal and local regulations for storage requirements.

Materials to avoid Do not store with the following product types:
Strong oxidizing agents
Organic peroxides
Flammable solids
Pyrophoric liquids
Pyrophoric solids
Self-heating substances and mixtures
Substances and mixtures which in contact with water emit
Flammable gases
Explosives
Gases

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Individual protection measures, such as personal protective equipment

Eye/Face Protection No protection is ordinarily required under normal conditions of use.

Skin and Body Protection May cause transient irritation on prolonged contact.

Respiratory Protection No protection is ordinarily required under normal conditions of use.

General Hygiene Considerations Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical State	Liquid Gel
Appearance	Clear Liquid Viscous Gel
Upper/lower flammability or Explosive limits	2-13% vol%
Vapor pressure:	44 hPa, 229 hPa at 50 C
Vapor Density	2.1 at 20 C
Relative Density	.91 g/mL
Solubility	Completely soluble in water
Decomposition temperature	N/A
Critical temperature	235 C

Self-Ignition temperature	410 C
VOC Content	55-57%
Color	Water Clear
pH	7.8 - 8.2
Odor	Alcohol Odor, Mild
Odor Threshold	N/A
Melting point/Freezing	N/A
Initial Boiling point	N/A
Flash Point	Mixture 22 C
Evaporation rate	Not determined
Flammability	Flammable
Partition coefficient	N/A
Viscosity	8,000 -10,000 cPS

10. STABILITY AND REACTIVITY

<u>Reactivity</u>	No known reactivity hazards.
<u>Chemical Stability</u>	Stable under normal conditions.
<u>Hazardous Reactions</u>	Flammable liquid and vapors may form explosive mixture in air.
<u>Conditions to Avoid</u>	Heat, flames and any sources of ignition.
<u>Incompatible Materials</u>	Oxidizing agents
<u>Hazardous Decomposition Products</u>	Thermal oxides of carbon

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Eye Contact	Avoid contact with eyes.
Skin Contact	Not expected to be a skin irritant during prescribed use.
Inhalation	No specific health hazard known.
Ingestion	Do not ingest.
<u>Acute toxicity</u>	Not classified based on available information
Product	Acute oral toxicity > 5000 mg/kg
<u>Ingredients:</u>	
Isopropanol:	Acute oral toxicity: LD50 oral rat 5840 mg/kg body weight Acute inhalation toxicity: LC50 rat 73 mg/l/4/h

Delayed and immediate effects as well as chronic effects from short and long term exposures

Carcinogenicity	This product does not contain any carcinogenic or potential carcinogens as listed by OSHA, IARC
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12. ECOLOGICAL INFORMATION

Ecotoxicity

Classification concerning the environment is not applicable.

<u>Persistence/Degradability</u>	Readily biodegradable
<u>Bioaccumulation</u>	Not Expected or Low potential expected
<u>Mobility</u>	This product is water soluble.
<u>Other Adverse Effects</u>	Nothing other adverse effects are expected from this product.

13. DISPOSAL CONSIDERATIONS

Waste Treatment Methods

Disposal of wastes	Disposal should be in accordance with applicable regional, national and local laws and regulations.
Contaminated Packaging	Disposal should be in accordance with applicable regional, national and local laws and regulations.

14. TRANSPORT INFORMATION

<u>DOT</u>	PG II UN 1219 Hazard class 3
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15. REGULATORY INFORMATION

Regulatory Status	This product is manufactured and labeled in compliance with the Federal Food, Drug, and Cosmetic Act, a
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16. OTHER INFORMATION

Issue Date	2/14/2020
Revision Date	None
Revision Note	New Formula
Disclaimer:	The information provided in this Safety Data Sheet is correct to the best of our knowledge and belief at the date of its publication. The SDS is designated only as a guidance for safe handling, use, processing, storage, transportation, and disposal.

End of Safety Data Report

