



## 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 <sup>th</sup> 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 (CO<sub>2</sub>). 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

<b>Advice on Safe Handling</b>	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.
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<b>Conditions for safe storage</b>	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.
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<b>Materials to avoid</b>	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
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## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Individual protection measures, such as personal protective equipment

<b>Eye/Face Protection</b>	No protection is ordinarily required under normal conditions of use.
<b>Skin and Body Protection</b>	May cause transient irritation on prolonged contact.
<b>Respiratory Protection</b>	No protection is ordinarily required under normal conditions of use.
<b>General Hygiene Considerations</b>	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

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

## 11. TOXICOLOGICAL INFORMATION

### **Information on likely routes of exposure**

<b>Eye Contact</b>	Avoid contact with eyes.
<b>Skin Contact</b>	Not expected to be a skin irritant during prescribed use.
<b>Inhalation</b>	No specific health hazard known.
<b>Ingestion</b>	Do not ingest.
<b><u>Acute toxicity</u></b>	Not classified based on available information
<b>Product</b>	Acute oral toxicity > 5000 mg/kg
<b><u>Ingredients:</u></b>	
<b>Isopropanol:</b>	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**

<b>Carcinogenicity</b>	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.

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

### 13. DISPOSAL CONSIDERATIONS

#### **Waste Treatment Methods**

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

### 14. TRANSPORT INFORMATION

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

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

<b>Issue Date</b>	2/14/2020
<b>Revision Date</b>	None
<b>Revision Note</b>	New Formula
<b>Disclaimer:</b>	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





