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 30th Avenue
  - Fort Lauderdale, Florida 33312

**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**: Flammable Liquid 2 H225
- **Health Hazards**: Eye Irritant 2A - H319

**GHS Label Pictograms**

![Signal Word: DANGER](image)

**Hazard Statements**
- H225
Precautionary Statements

P305+P351+P338+P337 If in eyes: Rinse cautiously with several minutes. Remove contact lenses, if and easy to do. Continue rinsing. If eye irritation persists: Get medical advice.
P313
P337 + P313 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P304 + P340 In case of fire: Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide for extinction.
P370 + P378 Call a Doctor if you feel unwell.
P320 Keep away from heat, sparks, open flames, and hot surfaces. No smoking.
P323 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

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>CAS #</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Isopropyl Alcohol</td>
<td>67-63-0</td>
<td>70-75%</td>
</tr>
<tr>
<td>Water</td>
<td>7732-18-5</td>
<td>20-29%</td>
</tr>
</tbody>
</table>

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 persist: 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.


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 persist.

Symptoms/Injuries after inhalation:


Symptoms/Injuries after skin contact:

Dry skin.

Symptoms/Injuries after eye contact:
Irritation of the eyes tissue.

**Symptoms after ingestion:**


**Chronic Symptoms:**


### 5. FIRE-FIGHTING MEASURES

**Suitable Extinguishing Media**  

**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

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**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.

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**9. PHYSICAL AND CHEMICAL PROPERTIES**

**Information on basic physical and chemical properties**

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

Reactivity No known reactivity hazards.
Chemical Stability Stable under normal conditions.
Hazardous Reactions Flammable liquid and vapors may form explosive mixture in air.
Conditions to Avoid Heat, flames and any sources of ignition.
Incompatible Materials Oxidizing agents
Hazardous Decomposition Products 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.
Acute toxicity Not classified based on available information
Product Acute oral toxicity > 5000 mg/kg
Ingredients:
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

12. ECOLOGICAL INFORMATION

Ecotoxicity
Classification concerning the environment is not applicable.

**Persistence/Degradability**
- Readily biodegradable

**Bioaccumulation**
- Not Expected or Low potential expected

**Mobility**
- This product is water soluble.

**Other Adverse Effects**
- 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

**DOT**
- PG II UN 1219 Hazard class 3

### 15. REGULATORY INFORMATION

**Regulatory Status**
- This product is manufactured and labeled in compliance with the Federal Food, Drug, and Cosmetic Act, a

### 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