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**SAFETY DATA SHEET**

This Safety Data Sheet is provided in compliance with the EC Regulation 1907/2006-2015/830

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**SECTION 1: Identification of the substance/mixture and of the company/undertaking****1.1 Product identifier**

- Product Name: Hand Hygiene 70% Gel
- Product Part Number: 202161, 202171, 208201, 202021, 202561

**1.2 Relevant identified uses of the substance or mixture and uses advised against**

- Use of the substance/mixture: To reduce bacteria on the skin

**1.3 Details of the supplier of the safety data sheet**

- Name of Supplier: Hygiene Vision Europe Ltd.,
- Address of Supplier: 36, Phillips Court  
Water Street,  
Stamford,  
PE9 2EE.  
United Kingdom
- Telephone: +44 (0)7973 840666
- Responsible Person: Technical Manager
- Email: Info@hygienevision-europe.com

**1.4 Emergency telephone number**

- Emergency Telephone: + 44 (0) 7713 821 547
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**SECTION 2: Hazards identification****2.1 Classification of the substance or mixture**

- CLP: Flam. Liq. 2

**2.2 Label elements**

- Signal Word: Danger
- UFI: Not applicable
- Hazard statements  
Highly flammable liquid and vapour.
- Precautionary statements  
Keep out of reach of children.  
Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  
Keep container tightly closed.  
Store in a well-ventilated place. Keep cool.

**2.3 Other hazards**

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## SECTION 2: Hazards identification (....)

- 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.
- IF SWALLOWED: Call a POISON CENTRE/doctor/ if you feel unwell.
- If medical advice is needed, have product container or label at hand.

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## SECTION 3: Composition/information on ingredients

### 3.2 Mixtures

Chemical Name	CAS Number	EC Number	Concentration	Categories	H Statements
Ethanol; Ethyl Alcohol	64-17-5	200-578-6	70%	Flam. Liq. 2	H225,

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## SECTION 4: First aid measures

### 4.1 Description of first aid measures

- Contact with eyes  
Avoid contact with eyes  
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.
- Contact with skin  
Not required when used as directed.  
If skin irritation occurs: Get medical advice/attention.
- Ingestion  
Rinse mouth.  
Give plenty of water to drink  
Never give anything by mouth to an unconscious person  
Get medical advice/attention if you feel unwell.
- Inhalation  
IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.  
If you feel unwell, seek medical advice (show the label where possible)

### 4.2 Most important symptoms and effects, both acute and delayed

- No hazard expected under normal conditions of use

### 4.3 Indication of any immediate medical attention and special treatment needed

- Unlikely to occur when used as directed.

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## SECTION 5: Firefighting measures

### 5.1 Extinguishing media

- Do not use water jets
- In case of fire use water spray or fog, alcohol resistant foam, dry chemical or carbon dioxide

### 5.2 Special hazards arising from the substance or mixture

- Decomposition products may include carbon oxides
- May form explosive vapour/air mixtures

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## **SECTION 5: Firefighting measures (....)**

- Smoke from fires is irritating. Take precautions to protect personnel from exposure

### **5.3 Advice for firefighters**

- In case of fire use water spray or fog, alcohol resistant foam, dry chemical or carbon dioxide
  - Decomposition products may include carbon oxides
  - In poorly ventilated areas or confined spaces, use an airline respirator or self-contained breathing apparatus
  - Keep container(s) exposed to fire cool, by spraying with water
  - Wear suitable protective clothing
  - Wear suitable respiratory equipment
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## **SECTION 6: Accidental release measures**

### **6.1 Personal precautions, protective equipment and emergency procedures**

- Do not eat, drink or smoke when using this product.
- Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
- Use personal protective equipment as required.

### **6.2 Environmental precautions**

- Avoid release to the environment.
- Use appropriate containment to avoid environmental contamination

### **6.3 Methods and material for containment and cleaning up**

- See Section 13
- Absorb spillage in inert material and shovel up
- Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

### **6.4 Reference to other sections**

- See Section 8
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## **SECTION 7: Handling and storage**

### **7.1 Precautions for safe handling**

- Forms hazardous decomposition products
- Carbon oxides may be formed
- Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
- Apply according to good manufacturing and industrial hygiene practices with proper ventilation. Do not drink, eat or smoke while handling. Respect good personal hygiene.
- Store in a well-ventilated place. Keep cool.
- Not required when used as directed.

### **7.2 Conditions for safe storage, including any incompatibilities**

- Forms hazardous decomposition products
- Store in a well-ventilated place. Keep cool.

### **7.3 Specific end use(s)**

- Hand Cleanser
- To reduce bacteria on the skin

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## SECTION 8: Exposure controls/personal protection

### 8.1 Control parameters

#### Substances

Chemical Name	CAS Number	EC Number	WEL (short term)	WEL (long term)
Ethanol; Ethyl Alcohol	64-17-5	200-578-6	-	1000 ppm 1920 mg/m <sup>3</sup> (8 hour TWA)

### 8.2 Exposure controls

- Apply according to good manufacturing and industrial hygiene practices with proper ventilation. Do not drink, eat or smoke while handling. Respect good personal hygiene.
- Not required when used as directed.

## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

- Appearance: Liquid
- colourless
- Odour: Alcohol odour
- pH: Not available

### 9.2 Other information

- May form explosive vapour/air mixtures

## SECTION 10: Stability and reactivity

### 10.1 Reactivity

- No hazardous reactions known if used for its intended purpose

### 10.2 Chemical stability

- Considered stable under normal conditions

### 10.3 Possibility of hazardous reactions

- Reaction products may include carbon oxides

### 10.4 Conditions to avoid

- Avoid contact with acids and alkalis
- Keep away from heat
- Keep cool. Protect from sunlight.
- Keep away from naked flames, incandescent or hot surfaces
- Keep away from strong oxidizing substances

### 10.5 Incompatible materials

- Avoid contact with acids and alkalis
- Avoid contact with oxidising substances

### 10.6 Hazardous decomposition products

- Unlikely to occur when used as directed.
- Decomposition products may include carbon oxides

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## SECTION 11: Toxicological information

### 11.1 Information on toxicological effects

#### Substances

Chemical Name	LD50 (oral, rat)	LD50 (dermal, rabbit)	LC50 (inhalation, rat)
Ethanol; Ethyl Alcohol	10,470 mg/kg	> 15,800 mg/kg	51 mg/l/4h

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## SECTION 12: Ecological information

### 12.1 Toxicity

#### Substances

Chemical Name	LC50 (fish)
Ethanol; Ethyl Alcohol	11,000 mg/l (96 hr)

### 12.2 Persistence and degradability

- Readily biodegradable

### 12.3 Bioaccumulative potential

- Log Pow: -0.3 Ethanol
- Bioconcentration factor has been estimated at 3 Ethanol
- Low bioaccumulation potential

### 12.4 Mobility in soil

- miscible with water

### 12.5 Results of PBT and vPvB assessment

- Not a PBT according to REACH Annex XIII

### 12.6 Other adverse effects

- Avoid release to the environment.

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## SECTION 13: Disposal considerations

### 13.1 Waste treatment methods

- Disposal should be in accordance with local, state or national legislation
- Avoid release to the environment. Refer to special instructions/Safety data sheets

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## SECTION 14: Transport information



### 14.1 UN number

- UN No.: 1170

### 14.2 Proper Shipping Name

- Proper Shipping Name: ETHANOL (ETHYL ALCOHOL)

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**SECTION 14: Transport information (....)****14.3 Transport hazard class(es)**

- Hazard Class: 3

**14.4 Packing group**

- Packing Group: II

**14.5 Environmental hazards**

- Not classified as hazardous for marine transport

**14.6 Special precautions for user**

- Tunnel Code: D/E

**14.7 Transport in bulk according to Annex II of Marpol and the IBC Code**

- Not applicable
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**SECTION 15: Regulatory information****15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture****15.2 Chemical safety assessment**

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**SECTION 16: Other information**

Text not given with phrase codes where they are used elsewhere in this safety data sheet:- H225: Highly flammable liquid and vapour.

**This Safety Data Sheet does not constitute a workplace risk assessment**

**EH40/2005 Occupational Exposure limits (UK)****Raw Material Data Sheets****Disclaimer:**

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

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