

SAFETY DATA SHEET

This Safety Data Sheet is provided in compliance with the EC Regulations 1907/2006, 1272/2008, 2015/830 and 2020/878

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: 202021, 202176, 202178, 202301, 202561, 203301, 203401, 208201
- UFI: JX50-T08S-N00X-1N5A

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: Stuart House,
St Johns Street,
Peterborough,
PE1 5DD
United Kingdom
- Telephone: +44 (0) 7973 840666
- Responsible Person: Technical Manager
- Email: Info@hygienevision-europe.com
- .
- Name of Supplier (EU): Hygiene Vision Europe B.V.
- Address of Supplier (EU): Rokin Business Center,
Rokin 92-29,
1012 KZ Amsterdam,
The Netherlands
- Email: Technical.manager-eu@hygienevision-europe.com

1.4 Emergency telephone number

- Emergency Telephone: +44 (0) 333 577 0039

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

- CLP: Flam. Liq. 2, Eye Irrit. 2

2.2 Label elements



- Signal Word: DANGER

Hazard statements

SECTION 2: Hazards identification (....)

Highly flammable liquid and vapour.
Causes serious eye irritation.

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.
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.

2.3 Other hazards

SECTION 3: Composition/information on ingredients**3.2 Mixtures**

Chemical Name	CAS Number	EC Number	REACH Registration Number	Concentration	Categories	H Statements
Ethanol; Ethyl Alcohol	64-17-5	200-578-6	01-2119457610-43	70%	Flam. Liq. 2 Eye Irrit. 2	H225,H319

SECTION 4: First aid measures**4.1 Description of first aid measures****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:
Wash with plenty of soap and water.
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

SECTION 4: First aid measures (....)

- Unlikely to occur when used as directed.
 - Get medical advice/attention if you feel unwell.
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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
- 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**Vapours may ignite****6.1 Personal precautions, protective equipment and emergency procedures**

- Avoid contact with eyes
- 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
- If contamination of drainage systems or water courses is unavoidable, immediately inform appropriate authorities

6.3 Methods and material for containment and cleaning up

- See Section 13
- Ensure adequate ventilation. Absorb liquid components with liquid binding material (sand, diatomite, acid binders, universal binders, sawdust).
- 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**

SECTION 7: Handling and storage (....)

- Forms hazardous decomposition products
- Apply according to good manufacturing and industrial hygiene practices with proper ventilation. Do not drink, eat or smoke while handling. Respect good personal hygiene.
- Avoid contact with eyes
- Carbon oxides may be formed
- Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
- 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.
- Protect from sunlight. Do not expose to temperatures exceeding 50°C/ 122°F.
- Keep away from alkalis (strong bases)
- Keep away from oxidisers, heat, flames or ignition sources

7.3 Specific end use(s)

- To reduce bacteria on the skin

SECTION 8: Exposure controls/personal protection**8.1 Control parameters****Substances**

Chemical Name	CAS Number	EC Number	WEL (short term)	WEL (long term)	DNEL (Consumer; dermal, long term systemic effects)	DNEL (Consumer; inhalational, long term systemic effects)
Ethanol; Ethyl Alcohol	64-17-5	200-578-6	-	1000 ppm 1920 mg/m ³ (8 hour TWA)	206 mg/kg bw/day	114 mg/m ³

Substances

Chemical Name	DNEL (Consumer; inhalational, short term local effects)	DNEL (Consumer; oral, long term systemic effects)	DNEL (Industry; dermal, long term systemic effects)	DNEL (Industry; inhalational, long term systemic effects)	DNEL (Industry; inhalational, short term local effects)	PNEC (Fresh water)
Ethanol; Ethyl Alcohol	950 mg/m ³	87 mg/kg bw/day	343 mg/kg bw/day	950 mg/m ³	1900 mg/kg	0.96 mg/l

Substances

Chemical Name	PNEC (intermittent)	PNEC (Marine water)	PNEC (Sediment; fresh water)	PNEC (Sediment; marine water)	PNEC (Soil)	PNEC (STP)
Ethanol; Ethyl Alcohol	2.75 mg/l	0.79 mg/l	3.6 mg/kg	2.9 mg/kg	0.63 mg/kg	580 mg/l

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.
- Ensure adequate ventilation
- Not required when used as directed.



SECTION 9: Physical and chemical properties**9.1 Information on basic physical and chemical properties**

- Physical state: Gel
- Colour: Colourless
- Odour: Alcohol odour
- Melting point/Range: Not applicable
- Boiling Point/Range: Not available
- Flammability: Highly flammable liquid and vapour.
- pH: 5.5 - 6.5
- Solubility in water: Miscible with water
- Density: Not available
- Flashpoint: 18 °C (CC)

9.2 Other information

- May form explosive vapour/air mixtures
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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
- No hazardous reactions known if used for its intended purpose

10.4 Conditions to avoid

- Keep away from heat
- Keep away from naked flames, incandescent or hot surfaces
- Keep cool. Protect from sunlight.

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 hazard classes as defined in Regulation (EC) No 1272/2008****Acute toxicity****Substances**

Chemical Name	LC ₅₀ (inhalation, rat)	LD ₅₀ (oral, rat)	LC ₅₀ (inhalation, rat)

SECTION 11: Toxicological information (....)

Ethanol; Ethyl Alcohol	20000 mg/l/4h	7060 mg/kg	Vapour 124.7 mg/l/4h
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Skin corrosion/irritation

No hazard expected under normal conditions of use

Serious eye damage/irritation

Causes irritation

Respiratory or skin sensitisation

Based on the available data, the classification criteria are not met

Germ cell mutagenicity

Based on the available data, the classification criteria are not met

Carcinogenicity

Based on the available data, the classification criteria are not met

Reproductive toxicity

Based on the available data, the classification criteria are not met

STOT (specific target organ toxicity) - single exposure

Based on the available data, the classification criteria are not met

STOT (specific target organ toxicity) - repeated exposure

Based on the available data, the classification criteria are not met

Aspiration hazard

Based on the available data, the classification criteria are not met

11.2 Information on other hazards

- No information available

SECTION 12: Ecological information**12.1 Toxicity****Substances**

Chemical Name	LC ₅₀ (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

SECTION 12: Ecological information (....)

- Not a PBT according to REACH Annex XIII

12.6 Endocrine disrupting properties

- No information available

12.7 Other adverse effects

- Avoid release to the environment.
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SECTION 13: Disposal considerations

Do not reuse empty containers

13.1 Waste treatment methods

- Disposal should be in accordance with local, state or national legislation
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SECTION 14: Transport information



14.1 UN number or ID number

- UN No.: 1170

14.2 UN proper shipping name

- Proper Shipping Name: ETHANOL SOLUTION (ETHYL ALCOHOL SOLUTION)

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 Road/Rail (ADR/RID)

- ADR Classification Code: F1
- Tunnel Code: D/E

14.7 Sea (IMDG)

- IMDG EmS: F-E, S-E

14.8 Special precautions for user

Limited Quantity: 1L

- Goods are classed as "Limited Quantities" and are therefore exempt from ADR regulations. Check local legislation for domestic transport.
- "Dangerous goods of limited quantities of Class 3" is required according to IMDG regulations.

14.9 Maritime transport in bulk according to IMO instruments

- Not applicable
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SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

- EH40/2005 Occupational Exposure limits (UK)
- The COSHH Regulations apply in the UK

15.2 Chemical safety assessment

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. H319: Causes serious eye irritation.**

This Safety Data Sheet does not constitute a workplace risk assessment

EH40/2005 Occupational Exposure limits (UK)

Raw Material Data Sheets

Disclaimer:

- The data given here is based on current knowledge and experience. This Safety Data Sheet describes the product in terms of safety requirements and does not signify any warranty with regard to the product's properties

--- end of safety datasheet ---
