

SAFETY DATA SHEET

Clinell Hand Sanitising Gel

According to Regulation (EU) No 453/2010

Issue Date: 12th April 2016

Version Number: 4

SECTION 1: Identification of the substance/mixture and company/undertaking

1.1 Product Identifier

Product Name Clinell Hand Sanitising Gel

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

Identified Use Hand Sanitiser

1.3 Details of the supplier of the safety data sheet

Supplier GAMA Healthcare Ltd
2 Regal Way
Watford
WD24 4YJ
United Kingdom
Tel: +44 (0) 207 993 0030
Email: info@gamahealthcare.com

1.4 Emergency telephone number

Tel: +44 (0) 207 9930 035

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008 Flam. Liq, 2: H225

Classification according to Directive 1999/45/EEC F: R11

Human Health
May irritate eyes. Ingestion may cause alcohol intoxication.

Environment
None identified for this product.

Physical and Chemical Hazards
Product contains alcohol and is expected to be highly flammable.

2.2 Label Elements



Danger

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Hazard statements
H225 – Highly flammable liquid and vapour.

Precautionary statements
Keep out of reach of children.
For external use only. Do not swallow, if swallowed seek medical advice immediately.
Keep away from ignition sources – no smoking

2.3 Other hazards

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Declarable components	Conc. (%)	EC No.	CAS No.	Classification	
				67/548/EEC	1272/2008
Ethyl alcohol	70	200-578-6	64-17-5	F: R11	Flam. Liq. 2: H225
Phenoxyethanol	<0.1	204-589-7	122-99-6	Xn; R22, Xi; R36	Acute Tox. 4: H302, Eye Irrit. 2: H319

For the full text of all R-Phrases and Hazard Statements are available in Section 16

SECTION 4: First aid measures

4.1 Description of first aid measures

Inhalation

If adverse effects (eg irritation of the airways) occur, remove patient from exposure and give fresh air and rest. If the patient continues to feel unwell, obtain medical attention.

Skin

Safe for consumer use, as directed. For industrial use of the gel, remove contaminated clothing and wash affected area with soap and water. If irritation occurs, seek medical attention. Launder contaminated clothing before re-use.

Eye

In case of contact with eyes, irrigate with water for 15 minutes, occasionally lifting eyelids. Seek prompt medical attention.

Ingestion

If swallowed, wash out mouth thoroughly and give water to drink. Seek medical attention if swallowed. Do not induce vomiting, unless instructed by medical personnel.

4.2 Most important symptoms and effects, both acute and delayed

Harmful if swallowed.

4.3 Indication of any immediate medical attention and special treatment needed

Treat symptoms as they occur.

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SECTION 5: Firefighting measures

5.1 Extinguishing media

Water spray, carbon dioxide, dry chemical and foam are compatible with the product. Remove containers from fire or cool them with water.

5.2 Special hazards arising from the substance of mixture

This product is alcohol based, and therefore highly flammable. May produce flammable or explosive vapours.

5.3 Advice for firefighters

Fire fighters should wear an approved self-contained breathing apparatus and full protective clothing.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

For industrial spills of the gel, ensure full personal protection is worn (see Section 8). Keep unauthorised personnel from the spillage areas.

6.2 Environmental precautions

Prevent leakage of product into water-courses or drainage system by diking with sand or other absorbent material. Contact authorities, water company, and waste-water treatment plant as appropriate if significant contamination occurs.

6.3 Methods and material for containment and cleaning up

Stop the source of leak or release. Extinguish all sources of ignition and use non-sparking equipment. Clean up spill as soon as possible. Small spills can be mopped up with dry cloth. Collect larger spill using techniques such as sorbent materials or pumping. Place material in suitable container for disposal in accordance with local and national regulations. Wash contaminated surfaces with water, and collect washings for safe disposal. Follow prescribed procedures for responding to large spills and reporting to appropriate authorities.

6.4 Reference to other sections

Section 8: Personal Protective Equipment
Section 13: Waste Treatment Methods.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

For industrial use of the liquid, avoid contact with skin and eyes. Wear protective clothing as in Section 8. Good general ventilation is recommended.

7.2 Conditions for safe storage, including any incompatibilities

Store in a cool, dry, well-ventilated place, away from direct sunlight. Keep container closed when not in use.

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7.3 Specific end use

Identified in Section 1.2

SECTION 8: Exposure controls/personal protection

8.1 Control Parameters

EU Limit	None
UK Limit	Ethanol: long-term exposure limit (8h), 1920 mg/m ³ (1000 ppm). Glycerol mist: long-term exposure limit (8 h), 10 mg/m ³ .

8.2 Exposure controls

Engineering controls
For industrial use of the gel, good general ventilation is recommended.

Personal protective equipment
For professional use of the liquid, the need for personal protective equipment should be based on a workplace risk assessment for the particular use. Prevent skin and eye contact by wearing chemical resistant gloves (eg rubber, neoprene, PVC) and safety goggles. Where more extensive contact may occur, wear suitable protective clothing (eg apron, sleeves, boots).
PPE should be to European (EN) standards. Consult manufacturers concerning breakthrough times.

Environmental exposure controls
Not available

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance	Colourless gel
Odour	Alcohol with green tea perfume
Odour threshold	Not available
pH	ca. 6.0 – 7.0
Melting/freezing point	ca. -44°C
Initial boiling point/range	ca. 80.3°C
Flash point	ca. 21°C
Evaporation rate	Not available

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Flammability (solid, gas)	Not available
Flammability or explosive limits	Not available
Vapour pressure	ca. 36 mbar at 20°C
Relative density	0.875
Solubility	Water soluble
Partition coef	Not available
Auto-ignition temperature	Not available
Decomposition temperature	Not available
Viscosity	Not available
Explosive properties	Lower: ca. 3.5%; Upper: ca 19%
Oxidising properties	Not available
9.2 Other information	Not available

SECTION 10: Stability and reactivity

10.1 Reactivity

Not available

10.2 Chemical stability

Stable under recommended storage and handling conditions.

10.3 Possibility of hazardous reactions

Not available

10.4 Conditions to avoid

Heat and ignition sources

10.5 Incompatible materials

Oxidising agents, acids and bases

10.6 Hazardous decomposition products

None known

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SECTION 11: Toxicological information

The preparation has not been tested for toxicological effects. Based on the known effects of the ingredients, the product is classified for human health effects as indicated below.

11.1 Information of toxicological effects

Acute toxicity

Contains high concentrations of alcohol, ingestion or inhalation may cause signs of intoxication. If ingested, seek medical attention.

Irritancy

Mild irritant to eyes. Repeated or prolonged skin contact may cause irritation.

Corrosivity

No information available

Sensitisation

No ingredient has been identified as having sensitising properties.

Repeated dose toxicity

No information available

Carcinogenicity

No information available

Mutagenicity

No information available

Toxicity for reproduction

No information available

SECTION 12: Ecological information

Ecotoxicological data have not been determined specifically for this product, but it is not classified as harmful on the basis of the known hazards of the components.

12.1 Toxicity

Major components are not harmful. No information available for minor components.

12.2 Persistence and degradability

Major components are expected to degrade rapidly in the environments. No information available for minor components.

12.3 Bioaccumulative potential

Major components are not expected to bioaccumulate. No information available for minor components.

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12.4 Mobility soil

Product contains high concentrations of alcohol, which is water soluble, and will evaporate into the atmosphere.

12.5 Results of PBT and vPVP assessment

Not available

12.6 Other adverse effects

Not available

SECTION 13: Disposal considerations

13.1 Waste treatment methods

This product may be disposed of via the drains, by landfill, or by incineration. Disposal must be in accordance with current national and local regulations.

In industry, chemical residues generally count as special waste, and their disposal may be regulated in the EC member countries through corresponding laws and regulations. We recommend that you contact either the authorities or approved waste disposal companies who will advise you on how to dispose of special waste.

SECTION 14: Transport Information

14.1 UN Number

1993

14.2 UN Proper Shipping Name

FLAMMABLE LIQUID, N.O.S. (contains ethanol)

14.3 Transport hazard class(es)

3

14.4 Packing groups

II

14.5 Environmental hazards

None

14.6 Special precautions for user

None

SECTION 15: Regulatory information

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

Classification and Labelling of Substances and Preparation Dangerous for Supply. Workplace Exposure Limits EH40. Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC and amending Regulation (EC) No 1907/2006 with amendments

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15.2 Chemical safety assessment

Not available

SECTION 16: Other Information

Revisions

This document is currently in its fourth revision.

Basis of classification

The mixture is self-classified on the basis of available information on the ingredients

List of R-phrases

R11: Highly Flammable, R22: Harmful if swallowed, R36: Irritating to eyes.

List of hazard statements

H225: Highly flammable liquid and vapour, H302: Harmful if swallowed, H319: Causes serious eye irritation.

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