

SAFETY DATA SHEET

Date: 7 July 2009

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1. Identification of the substance/mixture and company/undertaking

Product name	Clinell Instant Hand Sanitiser
Use	Hand sanitiser
Supplier	GAMA Healthcare Ltd. Customer Services 39 Hampstead House 176 Finchley Road London NW3 6BT UK
Contact number	Telephone +44(0) 845 2011 644
E-mail contact	info@gamahealthcare.com

2. Hazards identification

Classification	F, R11
Health hazards	May irritate eyes. Ingestion may cause alcohol intoxication.
Environmental hazards	None identified for this product.
Fire and explosion hazards	The product contains alcohol, and is expected to be highly flammable.

3. Composition/information on ingredients

Declarable components	Conc (%)	EC No.	CAS No.	Classification^a
Ethyl alcohol	50 to 75	200-578-6	64-17-5	F, R11

Other components

Water	25 to 50
Other additives	Each <3

^a See Section 16 'Other information' for full text of the R-phrases.

4. First-aid measures

Skin contact	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 contact	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 significant amounts (eg more than a teaspoonful) are ingested, or for any symptoms occurring after ingestion. Do not induce vomiting, unless instructed by medical personnel.

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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.

Medical treatment Show this safety data sheet to medical personnel. Give symptomatic treatment and supportive therapy.

5. Fire-fighting measures

Fire and explosive properties

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

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

Specific hazards When heated sufficiently, product may decompose to form smoke and toxic fumes, gases or vapours.

Protective equipment for fire fighters

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

6. Accidental release measures

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

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.

Method for 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.

7. Handling and storage

Information 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.

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

8. Exposure controls/personal protection

Occupational exposure limits

EU: None.

UK: Ethanol: long-term exposure limit (8 h), 1920 mg/m³ (1000 ppm).UK: Glycerol mist: long-term exposure limit (8 h), 10 mg/m³.

Engineering measures 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.

9. Physical and chemical properties

Appearance	Colourless gel
Odour	Alcoholic, with green tea perfume
Melting point	Ca. -44 °C
Boiling point	Ca. 80.3 °C
Vapour pressure	Ca. 36 mbar at 20 °C
Relative density	0.875
Solubility: in water	Water soluble
 in solvents	No data available
pH	Ca. 6.0 to 7.0
Partition coefficient	No data available
Flash point	Ca. 21 °C
Explosive properties	Lower, ca. 3.5%; upper, ca. 19%.

10. Stability and reactivity

Stable under recommended storage and handling conditions. No hazardous polymerization.

Conditions to avoid Avoid heat and sources of ignition.

Materials to avoid Oxidising agents, acids, and bases.

Hazardous decomposition products

None known.

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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.

Acute toxicity Not classified as harmful by ingestion, skin contact, or inhalation. Contains high concentrations of alcohol, so ingestion or inhalation may cause signs of intoxication.

Corrosivity/irritation Prolonged or repeated skin contact may cause irritation. Mild irritant to eyes.

Sensitisation No ingredient has been identified as having sensitising properties.

Repeated-dose toxicity No information available.

Carcinogenicity/Mutagenicity/Reproductive toxicity

No information available.

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.

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

Persistence/degradability Major components are expected to degrade rapidly in the environment. No information available for minor components.

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

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

13. Disposal considerations

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.

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14. Transport information

UN No.	1993
Proper Shipping Name	FLAMMABLE LIQUID, N. O. S. (contains ethanol)
Marine Pollutant	No
Class	3
Label(s)	3
Classification Code	F1
Packing Group	II
Packing Instruction	P001
HIN	30

15. Regulatory information

Classification and labelling according to EC Directives

Classification F, R11

Symbols and indications of danger



Highly flammable

Risk phrases None

Safety phrases S2, keep out of the reach of children
S7, kept container tightly closed
S16, keep away from sources of ignition – No smoking;

UK legislation

Chemical (Hazard Information and Packaging for Supply) Regulations 2009 (SI 2009 No 716) (CHIP4).

Control of Substances Hazardous to Health Regulations 1999 SI 1999/437.

Health and Safety at Work Act 1974 c 37.

EU legislation

Dangerous Substances Directive (67/548/EEC).

Dangerous Preparations Directive (99/45/EC).

REACH Regulation (1907/2006).

Regulation (EC) No 1272/2008 on *Classification, Labelling and Packaging of Substances and Mixtures*.

Chemical Agents Directive (98/24/EC).

Personal Protective Equipment (EC Directive) Regulations SI 1992/3139.

Guidance

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COSHH Essentials: Easy steps to chemical control.

Occupational Exposure Limits EH40.

16. Other information

Revisions: None

Risk phrase explanations: R11, highly flammable.

Explanatory note: This SDS refers mainly to the industrial use of the liquid. The product is supplied as packaged as a hand sanitiser, which is not expected to produce adverse health or environmental effects under normal conditions of use and disposal. See instructions for use for safe use of the product.

The classification of the liquid component has been assessed according to the calculation method given in 99/45/EC on the basis of available information for the ingredients.

References

Annex VI of Regulation 1272/2008 on *Harmonised Classification and Labelling for Certain Hazardous Substances*.

Existing Chemical Substances Information System (ESIS) available at the European Chemical Bureau website: <http://ecb.jrc.ec.europa.eu/esis/>.

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