

SAFETY DATA SHEET

Clinell Disinfectant Spray

According to Regulation (EU) No 453/2010

Issue Date: 23 July 2012

Version Number: 4

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

1.1 Product Identifier

Product Name Clinell Disinfectant Spray

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

Identified Use Disinfectant spray

1.3 Details of the supplier of the safety data sheet

Supplier GAMA Healthcare Ltd
Unit 2, The Exchange
Brent Cross Gardens
London NW4 3RJ
United Kingdom
Tel: +44 (0) 845 2011 644
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 Mixture not classified as hazardous

Classification according to Directive 1999/45/EEC Mixture not classified as hazardous

Human Health May irritate eyes

2.2 Label Elements

Not applicable

2.3 Other hazards

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Declarable components	Conc. (%)	EC No.	CAS No.	Classification for industrial levels	
				67/548/EEC	1272/2008
Benzalkonium chloride	0.45	270-325-2	68424-85-1	Xn; R21, R22, C; R34, N; R50	Acute Tox 4: H302, H312; Skin Corr 1B; H314; Aquatic Acute 1: H400
Didecyl dimethyl ammonium chloride	0.40	230-525-2	7173-51-5	Xn; R21, R22	Acute Tox 4: H302, Skin Corr 1B; H314;

SAFETY DATA SHEET

Clinell Disinfectant Spray

According to Regulation (EU) No 453/2010

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Polyhexamethylene biguanide (PHMB)	0.10	NA	27083-27-8	Xn; R22, Xi; R37-R38, R43, N; R50-R53	Acute Tox 4: H302, Skin Irrit 2: H315; Skin Sen 1: H317; Eye Dam 1: H318; Aquatic Acute 1: H400; Aquatic Chronic 1: H410
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Other components:

Water >75
Additives Each <1

For the full test 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

For industrial use of the liquid: if adverse effects (e.g. irritation of the airway) occur, remove patient from exposure and give fresh air and rest. If patient continues to feel unwell, seek medical attention.

Skin

Product is dermatologically tested. For industrial use of the liquid, remove contaminated clothing and wash affected area with soap and water. If irritation occurs, seek medical attention. Launder contaminated clothing before reuse.

Eye

For industrial use of the liquid, in case of contact with eyes, irrigate with water, occasionally lifting eyelids. If irritation occurs and persists seek prompt medical attention.

Ingestion

For industrial use of the liquid, if swallowed, wash out mouth thoroughly and give water to drink. Seek medical attention if significant amounts (e.g. more than a teaspoon full) are ingested, or for any symptoms occurring after ingestions. Do not induce vomiting unless instructed by medical personnel.

4.2 Most important symptoms and effects, both acute and delayed

May cause eye irritation.

4.3 Indication of any immediate medical attention and special treatment needed

Treat symptoms as they occur

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

SAFETY DATA SHEET

Clinell Disinfectant Spray

According to Regulation (EU) No 453/2010

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5.2 Special hazards arising from the substance of mixture

The product is water based, therefore not flammable or explosive. When heated sufficiently, product may decompose to form smoke and toxic fumes, gases or vapours.

5.3 Advice for fire fighters

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 liquid, ensure full personal protection is worn.

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. 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

For recommended personal protective equipment see Section 8.
For disposal considerations see Section 13.

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. Do not allow to freeze. Keep container closed when not in use.

7.3 Specific end use

Identified in Section 1.2

SAFETY DATA SHEET

Clinell Disinfectant Spray

According to Regulation (EU) No 453/2010

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SECTION 8: Exposure controls/personal protection

8.1 Control Parameters

EU Limit None

UK Limit None

8.2 Exposure controls

Engineering controls

For industrial use of the liquid, 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 eye contact by wearing safety goggles 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 Clear liquid

Odour Slight green tea perfume

Odour threshold Not available

pH 5-8

Melting/freezing point Ca. 0°C

Initial boiling point/range Ca. 100°C

Flash point Not expected for water based product

Evaporation rate Not expected for water based product

Flammability (solid, gas) Not expected for water based product

Flammability or explosive limits No data available

Vapour pressure 24 mmHg (25°C) (water)

Relative density No data available

SAFETY DATA SHEET

Clinell Disinfectant Spray

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Solubility	Liquid is water soluble
Partition coef	No data available
Auto-ignition temperature	No data available
Decomposition temperature	No data available
Viscosity	No data available
Explosive properties	Not expected for water based product
Oxidising properties	Not expected for water based product

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

None

10.5 Incompatible materials

Oxidizing agents. Contact with anionic substances will reduce the effectiveness of the product

10.6 Hazardous decomposition products

None known.

SECTION 11: Toxicological information

This 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

Not classified as harmful by ingestions, skin contact or inhalation.

SAFETY DATA SHEET

Clinell Disinfectant Spray

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Irritancy

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

Corrosivity

Not available

Sensitisation

Not available

Repeated dose toxicity

Not available

Carcinogenicity

Not available

Mutagenicity

Not available

Toxicity for reproduction

Not 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

No information available

12.2 Persistence and degradability

No information available

12.3 Bioaccumulative potential

No information available

12.4 Mobility soil

No information available

12.5 Results of PBT and vPVP assessment

No information available

12.6 Other adverse effects

No information available

SAFETY DATA SHEET

Clinell Disinfectant Spray

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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

Not classified for transport

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.

15.2 Chemical safety assessment

Not available

SECTION 16: Other Information

Revisions

Currently in fourth version to bring in line with new regulations.

Basis of classification

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

List of R-phrases

Xn: harmful, C: corrosive, N: dangerous to the environment, R21: harmful in contact with skin, R22: harmful if swallowed, R34: Cause burns, R50: Very toxic to aquatic organisms. R50-53: Very toxic to aquatic organisms, may cause long term adverse effects in the aquatic environment.

List of hazard statements

H302: harmful if swallowed, H312: harmful in contact with skin, H314: causes severe skin burns and eye damage, H315: causes skin irritation, H317: may cause an allergic skin reaction, H400: very toxic to aquatic life, H410: very toxic to aquatic life with long lasting effects



SAFETY DATA SHEET

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