

SAFETY DATA SHEET

Clinell Biodegradable Hand and Surface Wipes

According to Regulation (EU) No 2020/878 & Regulation (EC) No 1272/2008

Issue Date: 5th January 2023

Version Number: 1

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

1.1 Product Identifier

Product Name Clinell Biodegradable Hand and Surface Wipes

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

Identified Use Wipes for cleaning and disinfecting surfaces and equipment

1.3 Details of the supplier of the safety data sheet

Supplier
GAMA Healthcare
The Maylands Building
Maylands Avenue, Hemel Hempstead Industrial Estate
Hemel Hempstead
Hertfordshire
HP2 7TG
Tel: +44 (0) 207 993 0030
Email: info@gamahealthcare.com

GAMA Healthcare Ireland
13 Upper Baggot Street
2nd Floor
Dublin 4
D04 W7K5
T: +353 1 513 41 38
E: info@gamahealthcare.com

1.4 Emergency telephone number

Tel: +44 (0) 207 9930 035
Monday – Thursday, 9-5pm; Friday, 9-4pm (excluding UK bank holidays)

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008 Aquatic Chronic 3

2.2 Label Elements

Signal word: Not applicable

Hazard statements: H412: Harmful to aquatic life with long-lasting effects

Precautionary statements: P501: Dispose of contents/container in accordance with local/national regulations

2.3 Other hazards

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Not applicable

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Declarable components	Conc. (%)	EC No.	CAS No.	Classification according to Regulation (EC) No.1272/2008	Specific concentration limits according to Regulation (EC) No 1272/2008
Benzalkonium chloride	≤0.3	270-325-2	68424-85-1	Acute Tox 4 (H302) Skin Corr. 1B (H314) Eye Dam. 1 (H318) Aquatic Acute 1 (H400) Aquatic Chronic 1 (H410)	-
2-phenoxyethanol	≤0.3	204-589-7	122-99-6	Acute tox 4 (H302) STOT SE 3 (H335) Eye Dam. 1 (H318)	Oral: ATE = 1394mg/kg bw
Didecyl dimethyl ammonium chloride	≤0.3	230-525-2	7173-51-5	Acute Tox 4 (H302) Skin Corr 1B (H314)	-

Full list of hazard statements available in section 16

SECTION 4: First aid measures

4.1 Description of first aid measures

Inhalation

Acute effects following exposure to this product via the inhalation route are not anticipated during normal handling and use.

Skin

If skin irritation occurs, get medical advice.

Eye

Should eye irritation be experienced, this effect would likely be transient. But should symptoms persist, seek medical advice.

Ingestion

This product is for external use only and should be kept away from children. No adverse effects are anticipated from the formulation via the oral route during normal handling and use of the product.

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

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5.1 Extinguishing media

Water spray, carbon dioxide, dry chemical and foam are compatible with the product. No unsuitable extinguishing media are known.

5.2 Special hazards arising from the substance of mixture

The product is water based, therefore not flammable or explosive.

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

None anticipated or expected to be required.

6.2 Environmental precautions

None anticipated or expected to be required.

6.3 Methods and material for containment and cleaning up

None anticipated or expected to be required.

6.4 Reference to other sections

For recommended personal protective equipment see Section 8.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

None anticipated or expected to be required.

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

See directions for use on pack.

Identified in Section 1.2

SECTION 8: Exposure controls/personal protection

8.1 Control Parameters

EU Limit: No applicable EU occupational exposure limit values

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National Limits:

2-phenoxyethanol	Limit Value – Eight hours		Limit value – Short term*	
	ppm	mg/m ³	ppm	mg/m ³
Finland	20	110	50 (1)	290 (1)
Germany (AGS)	1 (1)	5,7 (1)	1 (1)(2)	5,7 (1)(2)
Germany (DFG)	1 (1)	5,7 (1)	1 (1)(2)	5,7 (1)(2)
Poland		230		

*Short term is 15 minutes unless states otherwise

Finland: (1) 15 minutes average value

Germany (AGS): (1) Inhalable fraction and vapour (2) 15 minutes average value

Germany (DFG): (1) Inhalable fraction and vapour (2) 15 minutes average value

8.2 Exposure controls

Engineering controls

For industrial use of the liquid, good general ventilation is recommended.

Personal protective equipment

None anticipated or expected to be required.

Environmental exposure controls

None anticipated or expected to be required.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical state	Moist wipe
Colour	White wipe with a clear, colourless eluate
Odour	Slight green tea perfume
Melting/freezing point	Ca. 0°C
Initial boiling point/range	Ca. 100°C
Flammability	Not determined: water-based product
Lower and upper explosion limits	Not determined: water-based product
Flash point	Not determined: water-based product
Auto-ignition temperature	Not determined: water-based product
Decomposition temperature	Not determined: water-based product

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pH	4.5-7.5
Kinematic viscosity	Not determined: water-based product
Solubility	Not determined: water-based product
Partition coefficient n-octanol/water	No data available
Vapour pressure	24 mmHg (25°C) (water)
Density and/or relative density	Not determined: water-based product
Relative vapour density	Not determined: water-based product
Particle characteristics	Not applicable
9.2.1 Other information	Not available
9.2.2 Other safety characteristics	Not available

SECTION 10: Stability and reactivity

10.1 Reactivity

Contact with anionic materials, for example common soap or detergent containing formulations, may reduce effectiveness of the product. Contact with oxidising agents should be avoided.

10.2 Chemical stability

The product is considered stable under normal ambient storage and handling conditions or temperature and pressure.

10.3 Possibility of hazardous reactions

No hazardous reactions anticipated

10.4 Conditions to avoid

None known

10.5 Incompatible materials

Oxidising agents and anionic formulations.

10.6 Hazardous decomposition products

None known.

SECTION 11: Toxicological information

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This preparation has undergone a toxicology risk assessment.

11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

Acute toxicity

Not likely to be acutely toxic.

Skin Corrosion/Irritation

Not likely to cause significant dermal irritation.

Serious eye damage/irritation

No risk of dermal corrosivity identified under normal handling and use.

Respiratory or skin sensitisation

Not likely to cause significant sensitisation or delayed hypersensitivity.

Germ cell mutagenicity

None of the components have exhibited confirmed mutagenic characteristics in the evaluation of their toxicity to date.

Carcinogenicity

No data available on the carcinogenicity of this product.

Reproductive toxicity

No data available on toxicity for reproduction of this product.

STOT-single exposure

No data available on the STOT-single exposure of this product.

STOT-repeated exposure

No data available on the STOT-repeated exposure of this product.

Aspiration hazards

No data available on the aspiration hazards for this product.

11.2 Information on other hazard classes which relates to endocrine disrupting properties

Endocrine disrupting properties

Not available

Other information

Not applicable

SECTION 12: Ecological information

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Ecotoxicological data has not been determined specifically for this product.

12.1 Toxicity

Contains substances (Benzalkonium chloride) which can be toxic to aquatic organisms.

12.2 Persistence and degradability

Two components of the formulation (DDAC and BAC) have been found to readily biodegrade in OECD 301D closed bottle tests.

12.3 Bioaccumulative potential

Due to the distribution coefficient of n-octanol/water, accumulation in organisms is not expected.

12.4 Mobility soil

No information available on mobility of active substance in soil.

12.5 Results of PBT and vPvB assessment

The formulation does not contain substances that meet the PBT or vPvB criteria of REACH annex XIII.

12.6 Endocrine disrupting properties

No information available

12.7 Other adverse effects

No additional information available

SECTION 13: Disposal considerations

13.1 Waste treatment methods

This product may be disposed of landfill, or by incineration. Disposal must be in accordance with current national and local regulations. Proven to biodegrade in active landfill conditions, in accordance with ASTM D5511-18.

In the Healthcare Industry, chemical residues, biocides and infectious substances generated as a result of medical and nursing care may require classification as hazardous waste.

Waste disposal is regulated in the EC member countries through corresponding laws and regulation. In the UK, we recommend that you consult the List of Wastes available through the Environment Agency. In other countries, contact either the authorities or approved waste disposal companies for advice on disposal of used waste.

SECTION 14: Transport Information

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Not classified for transport

SECTION 15: Regulatory information

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

This product is classified under the Classification, Labelling and Packaging of Substances and Mixtures (EC) No 1272/ 2008 it contains substances which are notified and under the Biocidal Products Regulation (EU). No 528/2012. Workplace exposure limits EH40.

15.2 Chemical safety assessment

Not applicable

SECTION 16: Other Information

Basis of classification

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

List of hazard statements

H302: Harmful if swallowed

H314: Causes severe skin burns and eye damage

H318: Causes serious eye damage

H400: Very toxic to aquatic life

H410: Very toxic to aquatic life with long lasting effect

H412: Harmful to aquatic life with harmful long lasting effects.

This safety data sheet was compiled using the ECHA Guidance on the compilation of Safety Data Sheets, Version 4.0, December 2020.

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