

SAFETY DATA SHEET

Clinell Peracetic Acid Wipes

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

Issue Date: 23 November 2022

Version Number: 13

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

1.1 Product Identifier

Product Name	Clinell Peracetic Acid Wipes
Product description	Dry single use surface wipes that generate Peracetic Acid once wet

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

Identified Use	Surface disinfection and cleaning of non-invasive medical devices
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1.3 Details of the supplier of the safety data sheet

Supplier	GAMA Healthcare Ltd The Maylands Building Maylands Avenue, Hemel Hempstead Industrial Estate Hemel Hempstead HP2 7TG United Kingdom Tel: +44 (0) 207 993 0030 Email: info@gamahealthcare.com
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Authorised Representative	Emergo Europe BV Westervoortsedijk 60 6827 AT Arnhem The Netherlands Tel: +31 (0) 70 345 8570
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1.4 Emergency telephone number

Tel: +44 (0) 207 993 035
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 1278/2008	Eye Dam. 1; Ox Sol 2
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2.2 Label Elements (Dry product in packet)

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Signal Word

Danger

Hazard statements

H272: May intensify fire; oxidiser
H318: Causes serious eye damage

Precautionary statements

P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P280: Wear eye protection and gloves
P305/351/338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do so. Continue rinsing.

2.3 Other hazards

Once wet, this product produces peracetic acid.

Human Health

Once **wet** this product generates substances which are corrosive. Contact with eyes may cause serious damage. The generated chemicals are harmful if swallowed, and maybe corrosive to skin.

Wearing gloves when using this product is recommended.

Chemical Hazards

Peracetic acid is an oxidising agent and may promote combustion of flammable materials.

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Declarable components	Conc. (wt%)	EC No.	CAS No.	Classification according to Regulation (EC) No. 1278/2008	Specific concentration limits
Sodium Percarbonate	≤50	239-707-6	15630-89-4	Acute Tox. 4: H302, Eye Dam. 1: H318, Ox Sol 2: H272	-
Citric Acid	≤15	77-92-9	201-069-1	Eye Irrit. 2: H319	-

Other components

Tetraacetylenediamine ≤25%

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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

This product is not intended for skin use. The use of gloves is recommended, as once activated using water, this product produces peracetic acid which may be corrosive to skin. Should the activated product come into contact with skin, remove contaminated clothing immediately. Rinse skin with water. Get medical attention if any discomfort continues.

Eye

This product causes serious damage to eyes. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do so. Continue rinsing.

Ingestion

This product is intended for use on the surfaces of non-invasive medical devices, it should be kept away from children. Once made wet the peracetic acid produced may be harmful if ingested. If swallowed, wash mouth out thoroughly and give water to drink. Seek immediate medical attention. Do not induce vomiting unless instructed by medical personnel.

4.2 Most important symptoms and effects, both acute and delayed

Risk of serious damage to eyes.

Once activated, risk of skin irritation and corrosion.

4.3 Indication of any immediate medical attention and special treatment needed

Administer first aid in case of accidental exposure, inhalation or ingestion of this product. Seek immediate medical attention

SECTION 5: Firefighting measures

5.1 Extinguishing media

Water spray, carbon dioxide, dry chemical and foam are compatible with the product.

5.2 Special hazards arising from the substance or mixture

The powder is an oxidising agent and may increase the rate of burning of combustible materials. May produce flammable vapours on contact with water. When heated

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sufficiently, product may decompose to form smoke and toxic fumes, gases or vapours. Contact with water will produce irritant materials (peracetic acid and acetic acid).

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

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

Personal protective equipment: Section 8

Disposal considerations: Section 13

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Avoid contact with skin and eyes. Use gloves when using this product as instructed by the directions for use. Ventilation may be necessary when using in a confined space. Wear protective clothing as in Section 8.

7.2 Conditions for safe storage, including any incompatibilities

Store in cool, dry, well ventilated area, away from direct sunlight in low humidity. Keep away from combustible materials. Keep container closed when not in use.

7.3 Specific end use

See directions for use on pack.

SECTION 8: Exposure controls/personal protection

8.1 Control Parameters

EU Limit

	Limit Value – Eight hours		Limit value – Short term*	
	ppm	mg/m ³	ppm	mg/m ³
Acetic acid				
European Union	10	25	20	50

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*Short term is 15 minutes unless states otherwise

National Limit

	Limit Value – Eight hours		Limit value – Short term*	
Acetic acid	ppm	mg/m ³	ppm	mg/m ³
United Kingdom	10	25	20	50

*Short term is 15 minutes unless states otherwise

8.2 Exposure controls

Engineering controls

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

Personal protective equipment

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 (e.g. apron, sleeves). PPE should be to European (EN) standards. Consult manufacturers concerning breakthrough times.

Environmental exposure controls

Not anticipated or expected to be required.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical state	Non-woven wipe containing solid powder particles
Colour	Wipe containing white powder particles
Odour	Slight vinegar smell
Melting/freezing point	Decomposition above 50°C
Initial boiling point/range	Not available
Flammability	Not available
Lower and upper explosion limit	Not available
Flash point	Not available
Auto-ignition temperature	Not available
Decomposition temperature	Above 50°C

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pH	8-9
Kinematic viscosity	Not available
Solubility	Soluble in water
Partition coefficient	Not available
Vapour pressure	Not available
Density and/or relative density	Not available
Relative vapour density	Not available
Particle characteristics	Not available
9.2.1 Other information	Not available
9.2.2 Other safety characteristics	Not available

SECTION 10: Stability and reactivity

10.1 Reactivity

Upon reaction with water, this product liberates Peracetic acid and acetic acid.
No specific reactivity hazards associated with this product are known.

10.2 Chemical stability

This product is considered stable under normal ambient storage and handling conditions of temperature and pressure. Once opened, keep dry to maintain stability.

10.3 Possibility of hazardous reactions

This product generates Peracetic acid, which is considered to be corrosive

10.4 Conditions to avoid

Heat, light, humidity and ignition sources.

10.5 Incompatible materials

Keep dry product away from combustible materials and water.

10.6 Hazardous decomposition products

Product reacts with water to produce peracetic acid, hydrogen peroxide and acetic acid. These substances break down rapidly and do not persist in the environment.

SECTION 11: Toxicological information

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

Acute toxicity

Not classified as acutely toxic by ingestion, skin contact or inhalation.

Skin Corrosion/Irritation

Once made wet, the peracetic acid produced is corrosive to skin (see section 4).

Serious eye damage/irritation

This product may cause serious eye damage (see section 4).

Respiratory or skin sensitisation

No adverse effects are anticipated from the dry product.

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

No components are classified as toxic to aquatic organisms.

12.2 Persistence and degradability

The generated chemicals from this product are not persistent and degrade quickly into non-toxic substances.

Hydrogen peroxide decomposes to water and oxygen. Peracetic acid is known to be readily biodegradable.

12.3 Bioaccumulative potential

Once activated by water to peracetic acid it is not expected to bioaccumulate. This substance breaks down rapidly to inert products.

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

Disposal must be in accordance with current national and local regulations.

The environmental and health hazards of the powder product may be reduced by hydrolysis with a large excess of water. 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 regulations. In the UK we recommend that you consult the List of Wastes available from the Environment Agency. In other countries, contact either the authorities or approved waste disposal companies for advice on disposal of waste.

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General EU requirements are given in the Waste Framework Directive (75/442/EEC) and the Hazardous Waste Directive (91/689/EEC).

SECTION 14: Transport Information

14.1 UN Number

1479

14.2 UN Proper Shipping Name

OXIDISING SOLID, N.O.S (contains sodium carbonate peroxyhydrate)

14.3 Transport hazard class(es)

5.1

14.4 Packing groups

III

14.5 Environmental hazards

None

14.6 Special precautions for user

Transport in accordance with ADR/IMDG special provision 216 and IATA special provision A46 (Limited quantities)

14.7 Maritime transport in bulk according to IMO instruments

No information required

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. This product is classified under Regulation (EC) No 1272/2008 for 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 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

H272: May intensify fire; oxidiser

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H302: Harmful if swallowed
H318: Causes serious eye damage
H319: Causes serious eye irritation

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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