

SAFETY DATA SHEET

Clinell Spill Wipes

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

Issue Date: 10th May 2021

Version Number: 8

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

1.1 Product Identifier

Product Name Clinell Spill Wipes

Product description Single absorbent pad with plastic back, and two Clinell Universal Wipes

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

Identified Use To clean up bodily fluid spills

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

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Absorbent pad

Classification according to Regulation (EC) No. 1278/2008 Eye Dam. 1

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Classification according to Regulation (EC) No 1272/2008 H412: Harmful to aquatic life with long lasting effects

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2.2 Label Elements (Dry Absorbent pad in packet)



Signal word: Danger

Hazard statements:

H318: Causes serious eye damage

H412: Harmful to aquatic life with long lasting effects

Precautionary statements:

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.

P310: Immediately call a poisons centre/doctor.

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

2.3 Other hazards (once activated by spillage)

Once wet by spillage, the absorbent pad 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.

Wear gloves when using this product.

Chemical Hazards

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

SECTION 3: Composition/information on ingredients

3.2 Mixtures

ABSORBENT PAD				
Declarable components	Conc. (wt%)	EC No.	CAS No.	Classification according to Regulation No. 1272/2008
Sodium Percarbonate	≤50	239-707-6	15630-89-4	Acute Tox. 4: H302, Eye Dam. 1: H318, Ox Sol 2: H272

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Citric Acid	≤20	201-069-1	77-92-9	Eye Irrit. 2: H319
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Other components

Tetra acetyl ethylene diamine ≤25%

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Declarable components	Conc. (%)	EC No.	CAS No.	Classification according to Regulation No. 1272/2008
Benzalkonium chloride	≤0.5	270-325-2	68424-85-1	Skin Corr 1B (H314) Acute Tox 4 (H302, H312) Aquatic Acute 1 (H400)
Didecyl dimethyl ammonium chloride	≤0.5	230-525-2	7173-51-5	Acute Tox 4 (H302) Skin Corr 1B (H314)
Polyhexamethylene biguanide (PHMB)	≤0.10	NA	27083-27-8	Acute tox 4 (H302) Skin sens 1B (H317) Eye dam 1 (H318) Carc. 2 (H351) STOT RE 1 (H372) Aquatic acute 1 (H400) Aquatic chronic (H410)

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 by a liquid spillage, this product produces peracetic acid which maybe 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 hard surfaces, 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.

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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. No unsuitable extinguishing media are known.

5.2 Special hazards arising from the substance of mixture

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

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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*	
Acetic acid	ppm	mg/m ³	ppm	mg/m ³
European Union	10	25	20	50

*Short term is 15 minutes unless states otherwise

UK 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 powder good general ventilation is recommended.

Personal protective equipment

Prevent skin and eye contact by wearing chemical resistant gloves (e.g. 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

Absorbent Pad

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Appearance	Absorbent wipe containing white powder
Odour	Slight vinegar smell
Odour threshold	Not available
pH	8 – 10.5
Melting/freezing point	Decomposition above 50°C
Initial boiling point/range	No data available
Flash point	Not available
Evaporation rate	Not available
Flammability (solid, gas)	Not available
Flammability or explosive limits	Not available
Vapour pressure	Not available
Relative density	Not available
Solubility	Not available
Partition coef	Not available
Auto-ignition temperature	Not available
Decomposition temperature	Above 50°C
Viscosity	Not available
Explosive properties	Not available
Oxidising properties	Not available
Clinell Universal Wipe	
Appearance	Moist wipe
Odour	Slight green tea perfume
Odour threshold	Not available

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pH	5-8
Melting/freezing point	Ca. 0°C
Initial boiling point/range	Ca. 100°C
Flash point	Not determined: water based product
Evaporation rate	Not determined: water based product
Flammability (solid, gas)	Not determined: water based product
Flammability or explosive limits	Not determined: water based product
Vapour pressure	24 mmHg (25°C) (water)
Relative density	Not determined: water based product
Solubility	Not determined: water based product
Partition coef	No data available
Auto-ignition temperature	Not determined: water based product
Decomposition temperature	Not determined: water based product
Viscosity	Not determined: water based product
Explosive properties	Not determined: water based product
Oxidising properties	Not determined: water based product
9.2 Other information	Not available

SECTION 10: Stability and reactivity

10.1 Reactivity

Absorbent Pad:

Upon reaction with water, the absorbent liberates Peracetic acid and acetic acid.

Contact with oxidising agents should be avoided.

Clinell Universal Wipes:

Contact with ionic substances for example oils and dyes, may reduce effectiveness of the product.

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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

The absorbent pad contained in 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

Absorbent Pad:

Keep dry product away from combustible materials and water.

Clinell Universal Wipes:

Oxidizing agents and anionic formulations.

10.6 Hazardous decomposition products

Absorbent pad 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

11.1 Information of toxicological effects

Absorbent Pad

This preparation has not been tested for toxicological effects. The pad has been tested and shown to produce peroxides and peroxyacetic acid close to the surfaces on which the wipe is used, but little material is released as free acid into the atmosphere.

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

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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.

Clinell Universal Wipes

This preparation has undergone toxicology risk assessment.

Acute toxicity

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

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

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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.

SECTION 12: Ecological information

Ecotoxicological data has not been determined specifically for this product.

12.1 Toxicity

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

12.2 Persistence and degradability

Absorbent Pad:

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.

Clinell Universal Wipe:

Two components of the formulation (DDAC and BAC) have been found to readily biodegrade in OECD 301D closed bottle tests. However, PHMB was found not to be readily biodegradable under the same protocol.

12.3 Bioaccumulative potential

Absorbent Pad:

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

Clinell Universal Wipes:

Due to the distribution coefficient of n-octonal/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.

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12.6 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.

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

Not available

14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

No information required

SECTION 15: Regulatory information

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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

Revisions

Currently in its eighth revision.

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

H302: Harmful if swallowed

H312: Harmful in contact with skin

H314: Causes severe skin burns and eye damage

H317: May cause an allergic skin reaction

H318: Causes serious eye damage

H319: Causes serious eye irritation

H351: Suspected of causing cancer

H372: Causes damage to organs through prolonged or repeated exposure

H400: Very toxic to aquatic life

H410: Very toxic to aquatic life with 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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