

SAFETY DATA SHEET

Clinell Spill Wipes

Issue Date: 14th February 2023

Version Number: 5

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

Product Identifier

Product Name Clinell Spill Wipes

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

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

Identified Use To clean up bodily fluid spills

Details of the supplier of the safety data sheet

Australian distributor GAMA Healthcare Australia Pty. Ltd.
Suite 1, 33-37 Duerdin Street
Notting Hill
Victoria 3168
Australia
Tel: +61 3 9769 6600
Email: info@gamahealthcare.com.au

Manufacturer GAMA Healthcare Ltd
The Maylands Building
Maylands Avenue, Hemel Hempstead Industrial Estate
Hemel Hempstead
Hertfordshire
HP2 7TG
Tel: +44 (0) 207 993 0030

Emergency telephone number

Tel: +61 3 9769 6600
Monday – Thursday, 9-5pm; Friday, 9-4 (excluding UK bank holidays)

SECTION 2: Hazards identification

Classified as hazardous by the criteria of Safe Work Australia.

Classification according to Globally Harmonised System of Classification and Labelling of Chemicals (GHS)

Absorbent Pad: Eye Damage (category 1)

Universal Disinfectant Wipe: Aquatic Chronic (category 3)

Label Elements (Dry Absorbent pad in packet)

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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.

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

ABSORBENT PAD				
Declarable components	Conc. (wt%)	EC No.	CAS No.	Classification
				1272/2008
Sodium Percarbonate	≤50	239-707-6	15630-89-4	Acute Tox. 4: H302, Eye Dam. 1: H318, Ox Sol 2: H272
Citric Acid	≤20	77-92-9	201-069-1	Eye Irrit. 2: H319

Other components

Tetra acetyl ethylene diamine 10-35%

CLINELL UNIVERSAL WIPE				
		EC No.	CAS No.	Classification for industrial levels

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Declarable components	Conc. (%)			1272/2008
Benzalkonium chloride	≤0.5	270-325-2	68424-85-1	Acute Tox 4: H302, H312; Skin Corr 1B; H314; 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	N/A	27083-27-8	Acute Tox 4: H302, Skin Irrit 2: H315; Skin Sen 1: H317; Eye Dam 1: H318; Aquatic Acute 1: H400; Aquatic Chronic 1: H410

SECTION 4: First aid measures

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.

Most important symptoms and effects, both acute and delayed

Risk of serious damage to eyes.
Once activated, risk of skin irritation and corrosion.

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

Extinguishing media

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

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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).

Advice for firefighters

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

SECTION 6: Accidental release measures

Personal precautions, protective equipment and emergency procedures

For industrial spills of the powder or liquid, 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.

Methods and material for containment and cleaning up

Absorbent Pad

Powder can be carefully swept up or collected by clean, spark-free vacuum cleaner. Avoid forming dusts. Collect spill and place in suitable container for disposal. Wash contaminated surfaces with water and collect washings for safe disposal. Follow prescribed procedures for responding to large spills and reporting to authorities.

Clinell Universal Wipe

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.

Reference to other sections

Personal protective equipment: Section 8

Disposal considerations: Section 13

SECTION 7: Handling and storage

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.

Conditions for safe storage, including any incompatibilities

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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.

Specific end use

See directions for use on pack.

SECTION 8: Exposure controls/personal protection

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

*Short term is 15 minutes unless states otherwise

UK Limit

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

*Short term is 15 minutes unless states otherwise

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 (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 available

SECTION 9: Physical and chemical properties

Information on basic physical and chemical properties

Absorbent Pad

Appearance Absorbent wipe containing white powder

Odour Slight vinegar smell

pH 8 - 10.5

Melting/freezing point Decomposition above 50°C

Initial boiling point/range Not available

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Solubility Powder from pad is soluble in water

Decomposition temperature Above 50°C

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Appearance Moist wipe

Odour Slight green tea perfume

pH 5-8

Melting/freezing point Ca. 0°C

Initial boiling point/range Ca. 100°C

Flash point Not expected for water based product

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

Solubility Liquid is water soluble

Other information Not available

SECTION 10: Stability and reactivity

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.

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.

Possibility of hazardous reactions

The absorbent pad contained in this product generates Peracetic acid, which is considered to be corrosive.

Conditions to avoid

Absorbent Pad: Heat, light, humidity and ignition sources.

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

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Incompatible materials

Absorbent Pad:

Keep dry product away from combustible materials and water.

Clinell Universal Wipes:

Oxidizing agents and anionic formulations.

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

Information of toxicological effects

Absorbent Pad

Acute toxicity

Sodium carbonate peroxyhydrate:

Oral LD50 (rat) 1034 mg/kg

Dermal LD50 (rat) >2000 mg/kg

The wipe 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.

Irritancy

Irritant to skin. Serous irritant to eyes (see section 4).

Corrosivity

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

Sensitisation

No adverse effects are anticipated from the dry product.

Repeated dose toxicity

No data available

Carcinogenicity

No data available

Mutagenicity

No data available

Toxicity for reproduction

No data available

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

Irritancy
Not likely to cause significant irritation.

Corrosivity
Not available

Sensitisation
Not likely to cause significant sensitisation or delayed hypersensitivity.

Repeated dose toxicity
Not available

Carcinogenicity
Not available

Mutagenicity
Not available

Toxicity for reproduction
Not available

SECTION 12: Ecological information

Ecotoxicological data has not been determined specifically for this product.

Toxicity

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

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.

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.

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Clinell Universal Wipes:

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

Mobility in soil

No information available

Results of PBT and vPvB assessment

No information available

Other adverse effects

Not determined

SECTION 13: Disposal considerations

Waste treatment methods

For large-scale industrial use, the powder in the absorbent pad should be disposed of by incineration. Do not dispose of via the drains, or by landfill. 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 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.

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

UN Number

1479

UN Proper Shipping Name

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

Transport hazard class(es)

5.1

Packing groups

III

Environmental hazards

None

Special precautions for user

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Not available

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

No information required

SECTION 15: Regulatory information

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.

Chemical safety assessment

Not available

SECTION 16: Other Information

Basis of Classification

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

This safety data sheet was compiled using the Safe Work Australia, Preparation of Safety Data Sheets for Hazardous Chemicals Code of Practice, July 2020.

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