SAFETY DATA SHEET
Clinell Peracetic Acid Wipes

Issue Date: 6th December 2022 Version Number: 5

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

Product Identifier

Product Name	Clinell Peracetic Acid Wipes
Product description	Dry single use surface wipes (210 x 300mm) that generate Peracetic Acid once wet.
Product code	CS25

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

Identified Use	Cleaning and disinfecting the surfaces on non-invasive medical devices

Details of the supplier of the safety data sheet

New Zealand distributor	Global Medics Ltd. 42 Andrew-Baxter Drive Airport Oaks Auckland 2022 New Zealand Tel: +64 09 920 9900 Email: customerservice@globalmedics.co.nz
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

New Zealand Poisons Centre
Tel: 0800 POISON or 0800 764 766

SECTION 2: Hazards identification

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

Eye Damage (category 1)

Oxidizing solids (category 2)

SAFETY DATA SHEET
Clinell Peracetic Acid Wipes

Issue Date: 6th December 2022 Version Number: 5

Label Elements (Dry product in packet)


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 protective 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.

Other hazards (once activated)

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.

Wear gloves when dealing using this product. Use in a well ventilated area.

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

SECTION 3: Composition/information on ingredients

Declarable components	Conc. (wt%)	EC No.	CAS No.	GHS Classification
Sodium Percarbonate	40-50%	239-707-6	15630-89-4	Acute Toxicity (category 4) Eye Damage (category 1) Oxidising Solid (category 2)
Citric Acid	≤ 15%	77-92-9	201-069-1	Eye Irritant (category 2)

Other components
Tetra acetyl ethylene diamine 10-35%

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 using water, 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 could cause damage to eyes. If the product enters 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.

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

Suitable extinguishing media

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

Specific hazards arising from 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 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).

Special protective equipment and precautions for fire fighters.

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

SAFETY DATA SHEET
Clinell Peracetic Acid Wipes

SECTION 6: Accidental release measures

Personal precautions, protective equipment and emergency procedures

None anticipated or expected to be required.

Environmental precautions

None anticipated or expected to be required.

Methods and material for containment and cleaning up

None anticipated or expected to be required.

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.

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.

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

Engineering controls

None anticipated or expected to be required.

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

Appearance	Non-woven wipe containing powder particles
Odour	Slight vinegar smell
Odour threshold	Not available
pH	9
Melting/freezing point	Decomposition above 50°C
Initial boiling point/range	Not 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	Soluble in water
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

SECTION 10: Stability and reactivity

Reactivity

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

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

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

Conditions to avoid

Heat, light, humidity and ignition sources.

Incompatible materials

Keep dry product away from combustible materials and water.

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

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:

Information of toxicological effects

Acute toxicity
Product is not classified as harmful by ingestion, skin contact or inhalation.

Sodium carbonate peroxyhydrate:
Oral LD50 (rat) 1034 mg/kg
Dermal LD50 (rat) >2000 mg/kg

The wipe has been tested and shown to produce peracetic acid close to the surfaces on which the wipe is used, but little material is released as free acid into the atmosphere.

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

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.

Repeated dose toxicity
No toxic effects are anticipated from repeat exposure to the product.

Mutagenicity

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

Carcinogenicity
None of the components have exhibited confirmed carcinogenic characteristics in the evaluation of their toxicity.

Toxicity for reproduction
None of the components have exhibited confirmed toxicity to reproduction in an evaluation of their toxicity.

SECTION 12: Ecological information

Ecotoxicological data has not been determined specifically for this product. Based on the classification of the formulation, the environmental hazards are not carried through to the product.

Toxicity

Components are classified as toxic to the environment but are not present in the formulation at sufficient levels. The hazard is not carried through to the product.

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.

Bioaccumulative potential

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

Mobility in soil

No information available on mobility of active substance in soil.

Other adverse effects

No information available

SECTION 13: Disposal considerations

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.

SECTION 14: Transport Information

SAFETY DATA SHEET
Clinell Peracetic Acid Wipes

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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
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
This product is classified under the Globally Harmonised System of Classification, Labelling.

Standard for the Uniform Scheduling of Drugs and Poisons (SUSMP) - Poison Schedule:
Poisons Schedule: 6

HSNO Approval Code
HSR002530

SECTION 16: Other Information

Basis of classification

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

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