

SAFETY DATA SHEET

Clinell Drain Disinfectant

Issue Date: 14th February 2023

Version Number: 3

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

Product Identifier

Product Name Clinell Drain Disinfectant

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

Identified Use Drain disinfectant

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, 9-4pm (excluding UK bank holidays)

SECTION 2: Hazards identification

Classification of the substance or mixture

Classified as hazardous by the criteria of Safe Work Australia.

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

Oxidising solid (category 3)
Acute toxicity, oral (category 4)
Skin irritation (category 2)
Eye damage (category 1)

Label Elements

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Signal word:

DANGER

Hazard statements:

H272: May intensify fire; oxidiser
H302: Harmful if swallowed
H315: Causes skin irritation
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 and eye protection.
P305/351/338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do so.
P501: Dispose of contents in accordance with local/national regulations.

Other hazards (once activated)

Once added to water, this product produces peracetic acid.

Human Health

Once added to water this product generates substances which are corrosive. Contact with eyes may cause serious damage. The generated chemicals are harmful if swallowed and may be corrosive to skin.

It is advisable to wear eye protection and 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

Mixtures

Declarable components	Conc. (wt%)	EC No.	CAS No.	GHS Classification
Sodium percarbonate	≤55	239-707-6	15630-89-4	Acute toxicity (category 4) Eye damage (category 1) Oxidising solid (category 2)
Citric acid	≤15	201-069-1	77-92-9	Eye irritant (category 2)
Sodium Lauryl Sulfate	≤15	287-809-4	85586-07-8	Acute toxicity (category 4) Skin irritant (category 2) Eye damage (category 1)

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				Aquatic Chronic (category 3)
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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 may cause irritation to skin. Should the activated product come into contact with skin, remove contaminated clothing immediately. Rinse skin with plenty of water. Seek medical attention if any discomfort occurs.

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 surfaces, if should be kept away from children. Once activated, 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. Seek immediate medical attention.

SECTION 5: Firefighting measures

Extinguishing media

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

Special hazards arising from the substance of mixture

This 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).

Advice for firefighters

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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

Wear eye protection and gloves (see sections 8) to prevent any contamination to skin during spill clean ups.

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. Wear eye protection when using this product to avoid splashing in eyes (see section 8). Use according to the instructions for use. Ventilation may necessary when using in a confined space.

Conditions for safe storage, including any incompatibilities

Store in a cool, dry, well ventilated area, away from direct sunlight in low humidity. Keep away from combustible materials. Do not store open sachets.

Once activated, liquid is intended to be used immediately and not stored. Keep out of reach of children.

Specific end use

See directions for use on the sachet.

SECTION 8: Exposure controls/personal protection

Control Parameters

EU Limit

	Limit Value – Eight Hours		Limit Value – Short term *	
Acetic acid				
Country	ppm	mg/m3	ppm	mg/m3
European union	10	25	20(1)	50(1)

*Short term is 15 minutes unless stated otherwise

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Engineering controls

Good ventilation is recommended.

Personal protective equipment

Prevent skin and eye contact. Personal protective equipment should be based on a workplace risk assessment for the particular use. Gloves and eye protection are recommended. Where more extensive contact may occur, wear suitable protective clothing (e.g. Apron). PPE should be to European (EN) standards. Consult manufacturers concerning breakthrough times.

Environmental exposure controls

None anticipated or expected to be required.

SECTION 9: Physical and chemical properties

Information on basic physical and chemical properties

Appearance	Solid granules (liquid once activated)
Colour	White
Odour	Slight vinegar smell
pH	7.0 – 9.0
Melting/freezing point	Not available
Initial boiling point/range	Not available
Flash point	Not expected for water based product
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	Not available

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Viscosity	Not available
Explosive properties	Not available
Oxidising properties	Not available
Other information	Not available

SECTION 10: Stability and reactivity

Reactivity

Upon reaction with water this product liberates peracetic acid. No specific reactivity hazards associated with this product 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
Harmful if swallowed.

Skin corrosion/ irritation
Causes skin irritation. Once activated, the peracetic acid produced may also be corrosive to skin (see section 4).

Eye damage / irritation

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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 through CLP, the environmental hazards are not carried through to the product.

Toxicity

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

Peracetic acid is considered toxic to the environment. However, the rapid degeneration of peracetic acid to benign compounds means the hazard is not carried through to the activated 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 products.

Mobility in soil

No information available on mobility of active substance in soil.

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Results of PBT and vPvB assessment

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

Other adverse effects

No additional 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

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

None

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

No information required

Activated liquid product should not be transported.

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 and Labelling of Chemicals (GHS)

Chemical safety assessment

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Not applicable

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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