

# SAFETY DATA SHEET

## Clinell Drain Disinfectant

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

Issue Date: 29<sup>th</sup> September 2021

Version Number: 2

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

#### 1.1 Product Identifier

Product Name Clinell Drain Disinfectant

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

Identified Use Drain disinfectant

#### 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](mailto: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](mailto: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

Classification according to Regulation (EC) No 1272/2008 Ox. Sol. 3: H272; Acute Tox. 4: H302; Skin Irrit. 2: H315; Eye Dam. 1: H318

#### 2.2 Label Elements



Signal word:

DANGER

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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 P301/312: IF SWALLOWED: Call a POISON CENTRE/doctor if you feel unwell P305/351/338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do so. P332/313: If skin irritation occurs: Get medical advice/attention P501: Dispose of contents in accordance with local/national regulations

### 2.3 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

### 3.2 Mixtures

Declarable components	Conc. (wt%)	EC No.	CAS No.	Classification
				EC 1272/2008
Sodium percarbonate	≤55	239-707-6	15630-89-4	Acute Tox. 4: H302, Eye Dam. 1: H318, Ox Sol 2: H272
Citric acid	≤15	201-069-1	77-92-9	Eye Irrit. 2: H319
Sodium Lauryl Sulfate	≤15	287-809-4	85586-07-8	Acute Tox. 4: H302, Skin Irrit. 2: H315, Eye Dam. 1: H318, Aquatic Chronic 3: H412

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### SECTION 4: First aid measures

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#### 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 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.

#### 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. Seek immediate medical attention.

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### SECTION 5: Firefighting measures

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#### 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 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).

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### 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

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

### 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. 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.

### 7.2 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.

### 7.3 Specific end use

See directions for use on the sachet.

## SECTION 8: Exposure controls/personal protection

### 8.1 Control Parameters

EU Limit:

	Limit Value – Eight Hours		Limit Value – Short term *	
Acetic acid				
Country	ppm	mg/m <sup>3</sup>	ppm	mg/m <sup>3</sup>

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EU	10	25	20	50
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National limits:

	Limit Value – Eight Hours		Limit Value – Short term *	
<b>Peracetic acid</b>				
<b>Country</b>	<b>ppm</b>	<b>mg/m<sup>3</sup></b>	<b>ppm</b>	<b>mg/m<sup>3</sup></b>
Ireland			0,4	
<b>Acetic acid</b>				
Ireland	10	25	20	50

\* Short term is 15 minutes unless stated otherwise  
(1) Inhalable fraction and vapour

### 8.2 Exposure controls

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

### 9.1 Information on basic physical and chemical properties

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

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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
Viscosity	Not available
Explosive properties	Not available
Oxidising properties	Not available
<b>9.2 Other information</b>	Not available

### SECTION 10: Stability and reactivity

#### 10.1 Reactivity

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

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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:

#### 11.1 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).

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

### SECTION 12: Ecological information

Ecotoxicological data has not been determined specifically for this product.

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### 12.1 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.

### 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 Other adverse effects

No additional information available.

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## SECTION 13: Disposal considerations

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### 13.1 Waste treatment methods

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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## SECTION 14: Transport Information

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### 14.1 UN Number



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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

None

### 14.7 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

### 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. 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 and contains substances which are notified under the Biocidal Products Regulation (EU) No 528/2012.

### 15.2 Chemical safety assessment

Not applicable

## SECTION 16: Other Information

Revisions

Currently in the second 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

H315: Causes skin irritation

H318: Causes serious eye damage

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H319: Causes serious eye irritation  
H412: Harmful 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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