

SAFETY DATA SHEET

Clinell Sporidical Wipes

According to Regulation (EU) No 453/2010

Issue Date: 23 July 2012

Version Number: 2

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

1.1 Product Identifier

Product Name Clinell Sporidical Wipes

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

Identified Use Cleaning and disinfecting wipes

1.3 Details of the supplier of the safety data sheet

Supplier GAMA Healthcare Ltd
Unit 2, The Exchange
Brent Cross Gardens
London NW4 3RJ
United Kingdom
Tel: +44 (0) 845 2011 644
Email: 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. 2: H272, Acute Liq. 4: H302, Eye Dam. 1: H318

Classification according to Directive 1999/45/EEC Xn: R22, Xi R41, O: R8

Human Health

Harmful if swallowed. Contact with eyes may cause serious damage. Moisture forms corrosive substances (peracetic acid and acetic acid) *Refers to the content of the dry wipes.*

Physical and Chemical Hazards

The product is an oxidising agent and may promote combustion of flammable materials. Reaction with water may form flammable vapours.

2.2 Label Elements



Signal Word



Danger



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Hazard statements	H272 H302 H318	May intensify fire; oxidiser Harmful if swallowed Causes serious eye damage
Precautionary statements	S17 S25 S26	Keep away from combustible material Avoid contact with eyes In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

2.3 Other hazards

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Declarable components	Conc. (wt%)	EC No.	CAS No.	Classification	
				67/548/EEC	1272/2008
Sodium Percarbonate	40-50%	239-707-6	15630-89-4	Xn; R22. Xi; R41, O;R8	Acute Tox. 4: H302, Eye Dam. 1: H318, Ox Sol 2: H272
Citric Acid	5-10%	77-92-9	201-069-1	Xi: R36	Eye Irrit. 2: H319

Other components
Tetra acetyl ethylene diamine 10-35%

For the full list of all R-Phrases and Hazard Statements are available in Section 16

SECTION 4: First aid measures

4.1 Description of first aid measures

Inhalation

For industrial use of the powder, remove victim from source of exposure. Get medical attention if any discomfort continues.

Skin

Remove contaminated clothing immediately and wash skin with soap and water. Get medical attention if any discomfort continues.

Eye

Immediately flush with plenty of water for up to 15 minutes occasionally lifting eyelids. Speed is essential. Seek medical attention immediately. Continue to rinse.

Ingestion

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

Ingestion: May cause discomfort if swallowed.

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Eye contact: Extreme irritation to eye and mucous membranes, including burning and tearing.

4.3 Indication of any immediate medical attention and special treatment needed

No recommendation given, but first aid may still be required in case of accidental exposure, inhalation or ingestion of this product. If in doubt, get medical attention promptly.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Water spray, carbon dioxide, dry chemical and foam are compatible with the product. Remove containers from fire or cool them with water.

5.2 Special hazards arising from the substance of 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. Dust may be an explosion hazard. 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

For industrial spills of the powder, ensure full personal protection is worn (see Section 8). Keep unauthorised personnel from the spillage area.

6.2 Environmental precautions

Prevent product from entering water-courses or drainage system.

6.3 Methods and material for containment and cleaning up

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.

6.4 Reference to other sections

Personal protective equipment: Section 8

Disposal considerations: Section 13

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SECTION 7: Handling and storage

7.1 Precautions for safe handling

Avoid contact with skin and eyes. Provide adequate ventilation. Remove sources of ignition. Wear protective clothing as in Section 8

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 with not in use.

7.3 Specific end use

Identified in Section 1.2

SECTION 8: Exposure controls/personal protection

8.1 Control Parameters

EU Limit Acetic acid; long term exposure limit (8h), 25mg/m³ (10ppm)

UK Limit None

8.2 Exposure controls

Engineering controls

For industrial use of the powder, local exhaust ventilation or closed system is recommended.

Personal protective equipment

For professional use of the powder, the need for personal protective equipment should be based on a workplace risk assessment for the particular use. 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 (eg apron, sleeves, boots).

Respiratory protection (dust mask) may be required if dusts are present. An organic vapour mask may be required if the product contacts water or moisture.

PPE should be to European (EN) standards. Consult manufacturers concerning breakthrough times.

Environmental exposure controls

Not available

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance Non woven wipe containing powder particles

Odour Slight vinegar smell

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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
9.2 Other information	Not available

SECTION 10: Stability and reactivity

10.1 Reactivity

No specific reactivity hazards associated with this product.

10.2 Chemical stability

Stable under normal temperature conditions and recommended use.

10.3 Possibility of hazardous reactions

Not determined.

10.4 Conditions to avoid

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Heat, light, humidity and ignition sources.

10.5 Incompatible materials

Combustible materials and water (unless for use of product)

10.6 Hazardous decomposition products

Product reacts with water to produce peracetic acid, hydrogen peroxide and acetic acid.

SECTION 11: Toxicological information

11.1 Information of toxicological effects

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.

Corrosivity

On contact with water product releases peracetic acid and acetic acid.

Sensitisation

No ingredient has been identified as having sensitising properties.

Repeated dose toxicity

No data available

Carcinogenicity

No data available

Mutagenicity

No data available

Toxicity for reproduction

No data available

SECTION 12: Ecological information

Ecotoxicological data have not been determined specifically for this product, but it is classified as very toxic on the basis of the known hazards of the components

12.1 Toxicity

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Contains sodium carbonate peroxyhydrate which is toxic to aquatic organisms.

12.2 Persistence and degradability

Sodium carbonate peroxyhydrate dissociates into sodium carbonate and hydrogen peroxide in fresh water (30% in 24 h). Hydrogen peroxide decomposes more slowly to water and oxygen.

12.3 Bioaccumulative potential

No information available

12.4 Mobility soil

No information available

12.5 Results of PBT and vPVP assessment

No information available

12.6 Other adverse effects

Not determined

SECTION 13: Disposal considerations

13.1 Waste treatment methods

For large-scale industrial use, the powder 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).

The wipes can be macerated for disposal in the sewage system.

SECTION 4: 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

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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

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, amending and repealing Directives 67/548/EEC and 1999/45/EC and amending Regulation (EC) No 1907/2006 with amendments.

15.2 Chemical safety assessment

Not available

SECTION 16: Other Information

Revisions

Currently in second version to bring in line with new regulations.

Basis of classification

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

List of R-phrases

Xn: harmful, Xi: irritant, O: oxidising, R22: harmful if swallowed, R41: risk of serious damage to eyes, R48: danger of serious damage to health by prolonged exposure.

List of hazard statements

H272: May intensify fire; oxidiser, H302: harmful if swallowed, H318: causes serious eye damage.

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