SAFETY DATA SHEET
Clinell Sporicidal Wipes
According to Regulation (EU) No 453/2010

Issue Date: 16 April 2019
Version Number: 8

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

1.1 Product Identifier
   Product Name
   Clinell Sporicidal Wipes

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

1.2 Relevant identified uses of the substance or mixture and uses advised against
   Identified Use
   Cleaning and disinfecting the surfaces on non invasive medical devices

1.3 Details of the supplier of the safety data sheet
   Supplier
   GAMA Healthcare Ltd
   2 Regal Way
   Watford
   WD24 4YJ
   United Kingdom
   Tel: +44 (0) 207 993 0030
   Email: info@gamahealthcare.com

1.4 Emergency telephone number
   Tel: +44 (0) 207 993 035

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture
   Classification according to Regulation (EC) No1278/2008
   Eye Dam. 1

2.2 Label Elements (Dry product in packet)

   Signal Word
   Danger

   Hazard statements
   H318: Causes serious eye damage
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.

2.3 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.

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

SECTION 3: Composition/information on ingredients

3.2 Mixtures

<table>
<thead>
<tr>
<th>Declarable components</th>
<th>Conc. (wt%)</th>
<th>EC No.</th>
<th>CAS No.</th>
<th>Classification according to 1278/2008</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sodium Percarbonate</td>
<td>≤50</td>
<td>239-707-6</td>
<td>15630-89-4</td>
<td>Acute Tox. 4: H302, Eye Dam. 1: H318, Ox Sol 2: H272</td>
</tr>
<tr>
<td>Citric Acid</td>
<td>≤20</td>
<td>77-92-9</td>
<td>201-069-1</td>
<td>Eye Irrit. 2: H319</td>
</tr>
</tbody>
</table>

Other components
Tetra acetyl ethylene diamine ≤25%

SECTION 4: First aid measures

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 be 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 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.

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 of this product. Seek immediate medical attention.

**SECTION 5: Firefighting measures**

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**
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).

5.3 **Advice for firefighters**
Firefighters 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**
None anticipated or expected to be required.
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. 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.

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 when not in use.

7.3 Specific end use
See directions for use on pack.

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
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

9.1 Information on basic physical and chemical properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>Non-woven wipe containing powder particles</td>
</tr>
<tr>
<td>Odour</td>
<td>Slight vinegar smell</td>
</tr>
<tr>
<td>Odour threshold</td>
<td>Not available</td>
</tr>
<tr>
<td>pH</td>
<td>9</td>
</tr>
<tr>
<td>Melting/freezing point</td>
<td>Decomposition above 50°C</td>
</tr>
<tr>
<td>Initial boiling point/range</td>
<td>Not available</td>
</tr>
<tr>
<td>Flash point</td>
<td>Not available</td>
</tr>
<tr>
<td>Evaporation rate</td>
<td>Not available</td>
</tr>
<tr>
<td>Flammability (solid, gas)</td>
<td>Not available</td>
</tr>
<tr>
<td>Flammability or explosive limits</td>
<td>Not available</td>
</tr>
<tr>
<td>Vapour pressure</td>
<td>Not available</td>
</tr>
<tr>
<td>Relative density</td>
<td>Not available</td>
</tr>
<tr>
<td>Solubility</td>
<td>Soluble in water</td>
</tr>
<tr>
<td>Partition coef</td>
<td>Not available</td>
</tr>
<tr>
<td>Auto-ignition temperature</td>
<td>Not available</td>
</tr>
<tr>
<td>Decomposition temperature</td>
<td>Above 50°C</td>
</tr>
<tr>
<td>Viscosity</td>
<td>Not available</td>
</tr>
<tr>
<td>Explosive properties</td>
<td>Not available</td>
</tr>
</tbody>
</table>
SECTION 10: Stability and reactivity

10.1 Reactivity
Upon reaction with water, this product liberates Peracetic acid and acetic acid. No specific reactivity hazards associated with this product are 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
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
Not classified as harmful by ingestion, skin contact or inhalation.

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

12.1 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.

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 vPvP 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

SECTION 13: Disposal considerations

13.1 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.

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.


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

14.5 Environmental hazards
None
14.6 Special precautions for user
Wear gloves

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

15.2 Chemical safety assessment
Not applicable

SECTION 16: Other Information

Revisions
Currently in sixth 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.

This safety data sheet was compiled using ECHA Guidance on the compilation of Safety Data Sheets, Version 1. 1 December 2011.

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