

SAFETY DATA SHEET

according to 1907/2006/EC, Article 31

Page 1/4

RENOVATE SANITISING TABLETS

Revision 0

Revision date 2011-06-16

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

1.1. Product identifier

Product name RENOVATE SANITISING TABLETS

1.3. Details of the supplier of the safety data sheet

Company Chemisphere UK Ltd
Address Unit 4
No 3 Richmond Road
Trafford Park
Manchester
M17 1RE
UK

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

2.1.1. Classification - 1999/45/EC Xn; R22 Xi; R36/37 N; R50/53 R31
Symbols: Xn: Harmful. N: Dangerous for the environment.

Main hazards Harmful if swallowed. Contact with acids liberates toxic gas. Irritating to eyes and respiratory system. Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

67/548/EEC / 1999/45/EC

Chemical Name	Index No.	CAS No.	EC No.	REACH Registration Number	Conc. (%w/w)	Classification
Troclosene sodium	613-030-00-X	2893-78-9	220-767-7		50 - 60%	E; R2 O; R8 Xn; R22 Xi; R36/37 R31 N; R50/53
Adipic acid	607-144-00-9	124-04-9	204-673-3		20 - 30%	Xi; R36
Sodium carbonate	011-005-00-2	497-19-8	207-838-8		1 - 10%	Xi; R36

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation Move the exposed person to fresh air. Keep the affected person warm and at rest. Seek medical attention if irritation or symptoms persist.

Eye contact Rinse immediately with plenty of water for 15 minutes holding the eyelids open. Remove contact lenses, if present and easy to do. Continue rinsing. Transfer to hospital for specialist examination.

Skin contact No Significant Hazard. If skin irritation occurs:.. Remove contaminated clothing. Wash off immediately with plenty of soap and water. Seek medical attention if irritation or symptoms persist.

Ingestion Do NOT induce vomiting. Drink 1 to 2 glasses of water. If unconscious, check for breathing and apply artificial respiration if necessary. If unconscious and breathing is OK, place in the recovery position. Transfer to hospital as soon as possible.

RENOVATE SANITISING TABLETS

Revision 0

Revision date 2011-06-16

4.2. Most important symptoms and effects, both acute and delayed

Inhalation	May cause irritation to respiratory system.
Eye contact	Risk of serious damage to eyes.
Skin contact	No Significant Hazard.
Ingestion	May cause irritation to respiratory system.

SECTION 5: Firefighting measures

5.1. Extinguishing media

	Use extinguishing media appropriate to the surrounding fire conditions. Do NOT use dry fire extinguishers containing ammonium compounds.
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5.2. Special hazards arising from the substance or mixture

	In case of fire and/or explosion do not breathe fumes. Fire or high temperatures create very toxic gases. Fire creates: Hydrogen chloride. Hydrogen cyanide.
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5.3. Advice for firefighters

	Self-contained breathing apparatus. Wear suitable protective clothing.
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SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

	Wear suitable protective clothing, gloves and eye/face protection.
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6.2. Environmental precautions

	Not relevant considering the small amounts used. The product should not be dumped in nature but collected and delivered according to agreement with the local authorities.
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6.3. Methods and material for containment and cleaning up

	Absorb with inert, absorbent material. Transfer to suitable, labelled containers for disposal. Clean spillage area thoroughly with plenty of water.
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SECTION 7: Handling and storage

7.1. Precautions for safe handling

	Avoid contact with eyes and skin. Keep away from heat. Warning! Do not use together with other products. May release dangerous gases (chlorine). Wear suitable gloves and eye/face protection. Do not breathe gas/fumes/vapour/spray. Do not eat, drink or smoke in areas where this product is used or stored. Follow instructions and ensure correct dilution of this product before use.
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7.2. Conditions for safe storage, including any incompatibilities

	Avoid contact with: Direct sunlight. Avoid contact with: Acids. Keep locked up and out of the reach of children. Keep container tightly closed in a cool place. Keep only in the original container.
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SECTION 8: Exposure controls/personal protection

8.2. Exposure controls

8.2.1. Appropriate engineering controls	Ensure adequate ventilation of the working area.
8.2.2. Individual protection measures	Wear suitable gloves and eye/face protection.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

State	Tablet
Colour	White
Odour	Characteristic/Chlorine
pH	4 - 6
Solubility	Soluble in water

SECTION 10: Stability and reactivity

RENOVATE SANITISING TABLETS

Revision 0
Revision date 2011-06-16

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

Contact with acids liberates toxic gas.

10.4. Conditions to avoid

Direct sunlight. Heat. Moisture. Acids.

10.5. Incompatible materials

Acids. Alkalis. Oxidising agents. Reducing agents.

10.6. Hazardous decomposition products

Fire creates: Hydrogen chloride. Hydrogen cyanide. Toxic fumes.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity	Harmful if swallowed.
Skin corrosion/irritation	Skin irritation is not anticipated when used normally.
Serious eye damage/irritation	Irritating to eyes.
Aspiration hazard	Danger of serious damage to health by prolonged exposure through inhalation.

SECTION 12: Ecological information

12.2. Persistence and degradability

Readily biodegradable.

12.3. Bioaccumulative potential

Does not bioaccumulate.

12.4. Mobility in soil

Miscible in water.

12.6. Other adverse effects

Toxic to fauna. Very toxic to aquatic organisms.

SECTION 13: Disposal considerations

General information

Dispose of in compliance with all local and national regulations.

Disposal methods

Do not empty into drains; dispose of this material and its container in a safe way.

Disposal of packaging

Empty containers can be cleaned with water. Empty containers can be sent for disposal or recycling.

SECTION 14: Transport information

ADR/RID

The product is not classified as dangerous for carriage.

IMDG

The product is not classified as dangerous for carriage.

IATA

The product is not classified as dangerous for carriage.

SECTION 15: Regulatory information



Labelling

The product is classified in accordance with 67/548/EEC.

RENOVATE SANITISING TABLETS

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Labelling	
Symbols	<p>Xn: Harmful. N: Dangerous for the environment.</p> <div style="display: flex; justify-content: space-around;">   </div>
Risk phrases	<p>R22 - Harmful if swallowed. R31 - Contact with acids liberates toxic gas. R36/37 - Irritating to eyes and respiratory system. R50/53 - Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.</p>
Safety phrases	<p>S1/2 - Keep locked up and out of the reach of children. S8 - Keep container dry. S26 - In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. S29 - Do not empty into drains. S41 - In case of fire and/or explosion do not breathe fumes. S51 - Use only in well-ventilated areas. S60 - This material and its container must be disposed of as hazardous waste. P6 - Warning! Do not use together with other products. May release dangerous gases (chlorine).</p>

SECTION 16: Other information

Other information

Text of risk phrases in Section 3	<p>R2 - Risk of explosion by shock, friction, fire or other sources of ignition. R22 - Harmful if swallowed. R31 - Contact with acids liberates toxic gas. R36 - Irritating to eyes. R36/37 - Irritating to eyes and respiratory system. R50/53 - Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. R8 - Contact with combustible material may cause fire.</p>
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Further information

	<p>The information supplied in this Safety Data Sheet is designed only as guidance for the safe use, storage and handling of the product. This information is correct to the best of our knowledge and belief at the date of publication however no guarantee is made to its accuracy. This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process.</p>
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