

ROSCHEM PRODUCTS LTD.

PRODUCT INFORMATION SHEET

STERICHLOR

PRODUCT DESCRIPTION:

An aggressive hydrochloric acid based descaler and disinfectant for the cleaning of toilets, urinals and ceramics. Regular use will maintain deposit free sparkling hygienic fittings. Avoid prolonged contact with chrome and brass. Not to be used on stainless steel.

ADVANTAGES:

CLEAR AWAY SCALE: Sterichlor immediately dissolves existing scale, even the most stubborn deposits leaving sparkling fittings.

KILLS GERMS AND ALGAE: Along with physically cleaning the surfaces Sterichlor has a powerful germicidal action leaving the surfaces hygienically clean as well.

DEODORISES: Sterichlor quickly destroys bacteria and germs, clearing offensive odours.

SUITABLE IN HARD OR SOFT WATER: Even in the most hard water areas Sterichlor is still exceptionally efficient in scale removal.

BIODEGRADABLE: Readily biodegradable water based product.

LEAVES NO STREAKS: Sterichlor easily rinses off to leave a clean residue free surface.

DIRECTIONS FOR USE:

For toilets pour 50 mls to the water in the bowl. Agitate and allow time to penetrate, then flush away. For very stubborn scale deposits dilute 5:1 and brush onto surface. Again allow time to penetrate and rinse off with water. Do not mix with other detergents especially bleach or other toilet cleaners. Avoid prolonged contact with chrome and brass.

HEALTH AND SAFETY: See Safety Data Sheet.

PACKAGING:

All our plastic drums are high molecular weight, high density polyethylene designed to bring the product to the customer in perfect conditions.

Size: 5 Lt. Drums and 20 Lt. Drums.

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Corresponding to EC Directive 1999/45/EEC

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Replaces version of: 01.01.08

PRODUCT NAME: STERICHLOR

1). PRODUCT AND COMPANY IDENTIFICATION

- 1.1 Product Name: **STERICHLOR.**
1.2 Company Name: Roschem Products Limited.
Company Address: New Road, Elphin, Co. Roscommon, Ireland.
Telephone: (071) 9635375 Fax: (071) 9635414 Emergency: 086 8293845

2). COMPOSITION/INFORMATION

* Aqueous Acidic Preparation

Hazardous Ingredients	% (w/w)	CAS-Number	Symbol	R-Phrases
Hydrochloric Acid	30 - 50%	(76470 - 01 - 0)	C	R34, R37

3). HAZARDS IDENTIFICATION

Highly irritant and corrosive causing severe burns.

Main Symptoms: Eyes - Irritation, Skin - Irritation, Inhalation - Irritation

4). FIRST AID MEASURES

- 4.1 Inhalation: Remove to fresh air.
4.2 Skin Contact: Flush thoroughly with soap and water remove contaminated clothing.
4.3 Eye Contact: Flush eyes with water. Obtain medical attention if irritation persists.
4.4 Ingestion: Rinse out mouth immediately with water. Consult a doctor if necessary

5). FIRE - FIGHTING MEASURES

- 5.1 Suitable Extinguishing Media: Water, Foam.
5.2 Unsuitable: None.
5.3 Specific Hazards: In contact with metals, this product may liberate the flammable gas hydrogen.
5.4 Special Equipment for the protection of Fire - Fighters: Wear breathing apparatus and full protective clothing.

6). ACCIDENTAL RELEASE MEASURES

- 6.1 Personal Precautions: Avoid contact with skin and eyes.
6.2 Environmental Precautions: No special measures required.
6.3 Methods for Cleaning up: Small Spills - Flush with water.
Large Spills - Contain and soak up with an absorbent material.

7). HANDLING AND STORAGE

- 7.1 **Handling**
7.1.1 Technical Measures: No special measures required.
7.1.2 Safe Handling Advice: Comply with instructions for use.
7.2 **Storage**
7.2.1 Technical Measures: No special measures required.
7.2.2 Storage Conditions: Store in a cool dry, well-ventilated area.
7.2.3 Incompatible Products: Oxidising Agents, Bases. Attacks most common metals.
7.2.4 Packaging: Plastic Drums.
7.2.5 Packaging Materials: Recommended: Plastic Materials, Polyethylene, Polypropylene.
Not Suitable - Uncoated metal drums.

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8). EXPOSURE CONTROLS/PERSONAL PROTECTION

- * 8.1 Engineering Measures: No special measures required.
- 8.2 Personal Protection Equipment:
 - Respiratory Protection - Provide adequate ventilation in areas of confined space.
 - Hand Protection - Use PVC gloves if long exposure is expected.
 - Eye Protection – Use Chemical Goggles if splashing is expected.
 - Skin Protection - PVC apron, rubber boots if excessive splashing is expected.
- 8.3 Hygiene Measures - Handle in accordance with industrial hygiene and safety practices.
- 8.4 Occupational Exposure Limits: - Hydrochloric Acid – STEL 7mg/m³.

9). PHYSICAL AND CHEMICAL PROPERTIES

- 9.1 Physical State: Clear Liquid.
- 9.2 Colour: Green.
- 9.3 Odour: Yes.
- 9.4 Solubility: Yes (Water).
- 9.5 Flashpoint: None.
- 9.6 Explosive Properties: None.
- 9.7 Density: 1.08kg/dm³.

10). STABILITY AND REACTIVITY

Stable.
Avoid Extreme Temperatures.
Do not mix with bases or oxidising agents.
Hazardous Decomposition Products - Hydrogen Chloride Gas.

11). TOXICOLOGICAL INFORMATION

Repeated contact with skin may lead to dermatitis.
Corrosive to eyes.
Ingestion may cause haematemesis, Oesophageal and gastric perforation.

12). ECOLOGICAL INFORMATION

Readily Biodegradable

13). DISPOSAL CONSIDERATIONS

Soak up with absorbent material and dump in accordance with local regulations.
Small quantities may be flushed down the sewer with plenty of water.

14). TRANSPORT INFORMATION

REGULATIONS	CLASS
RID/ADR:	8 / 5 b
ICAO/IATA:	8 UN 1789 PAX 809 CAO 813
GGVE/GGVS:	8 / 5 b

15). REGULATORY INFORMATION

* EU Regulations:

Xi: Irritant.
R36/37/38: Irritating to eyes, respiratory system and skin.
S2: Keep out of reach of children.
S26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

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16). OTHER INFORMATION

* An asterix (*) in the left hand margin indicates an amendment from the previous version.

Safety Data Sheet in review.

Product should be stored, handled and used in accordance with good industrial hygiene practices and in conformity with legal regulations. The information contained herein is based on the present state of our knowledge and is intended to describe our products from the point of view of safety requirements.
