

MATERIAL SAFETY DATA SHEET

1. IDENTIFICATION

Product name: **SCALE OFF**

Product description: A 'deep clean' descaler for removal of heavy scale and minerals from a variety of surfaces.

Supplier: **PARAMOUNT CHEMICALS LTD**

Lydney Harbour Estate
Harbour Road
Lydney
Glos
GL15 4EJ

Tel: 01594 842688

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2. HAZARDS IDENTIFICATION

Irritating to eyes and skin



IRRITANT

3. COMPOSITION

An acidic blend of detergents, Inhibitors and thickening agents.

<u>Hazardous Ingredients</u>	<u>CAS No</u>	<u>%w.w(Range)</u>	<u>Nature of Hazard</u>
Hydrochloric Acid:		15-20	Corrosive
Phosphoric Acid:	7664-38-2	5-10	Corrosive

4. FIRST AID MEASURES

- Eyes: Rinse well with large quantities of clean water. Seek medical attention.
 - Skin: Wash affected area with soap and water. Seek medical attention.
 - Ingestion: DO NOT INDUCE VOMITING. Give water or milk and seek medical attention.
 - Inhalation: N/A
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5. FIRE HAZARD AND FIRE FIGHTING PROCEDURES

Non Flammable

6. ACCIDENTAL RELEASE MEASURES

- Contain spillages with neutralising agent. (Soda Ash)
 - Small spillages may be washed away with water.
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7. HANDLING AND STORAGE

1. Store away from children.
2. Use only according to directions.
3. Do not mix with other chemicals.
4. Always ensure cap is replaced and tightened after use.
5. Do not store in temperatures greater than 35°C or less than 0°C.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

1. Rubber gloves are recommended if skin contact is likely.
 2. Always maintain a good standard of occupational hygiene when handling chemicals.
 3. Wear goggles when handling product.
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9. PHYSICAL AND CHEMICAL PROPERTIES

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|--------------------------|-------------------|
| 9.1 Appearance: | Pale straw liquid |
| 9.2 Odour: | Acidic |
| 9.3 pH: | 1 – 2 |
| 9.4 Density (@20°C): | 1.13 – 1.14 |
| 9.5 Flash Point: | Non flammable |
| 9.6 Solubility in Water: | Water soluble |
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10. STABILITY AND REACTIVITY DATA

Product is stable under normal conditions. **DO NOT MIX WITH BLEACH OR OTHER CHEMICALS**

11. TOXICOLOGICAL INFORMATION

No significant health hazard when properly used for the application it was designed for.

Effects due to over exposure when:

- In contact with eyes: Severely irritant
 - In contact with skin: Irritant
 - Ingested: Irritant, Abdominal pain
 - Inhaled: N/A
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12. ECOLOGICAL INFORMATION

Product contains more than 90% biodegradable constituents

13. DISPOSAL CONSIDERATIONS

Dispose of according to local regulations.

14. TRANSPORT INFORMATION

- Product is classed as IRRITANT for transportation purposes. Contains 28% Hydrochloric Acid and Phosphoric Acid
 - Packaging Group: III
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15. REGULATORY INFORMATION

Product is classed as IRRITANT under CHIP Regulations. Contains 28% Hydrochloric Acid and Phosphoric Acid.

- Risk phrases: 36/38 : Irritating to eyes and skin.
- Safety phrases: 2 : Keep out of reach of children.
24/25 : Avoid contact with skin and eyes.
26 : In case of contact with eyes, rinse immediately with plenty of water and seek medical attention
37 : Wear protective clothing and gloves
46 : If swallowed seek medical advice immediately and show container label



IRRITANT

16. OTHER INFORMATION

The responsibility to ensure safe working conditions within the workplace remains with the user. The health hazard and general information contained within this Safety Data Sheet is given as a guide to the precautions required to help maintain a safe work environment.