



1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: Lime Scale Remover
Supplier: Elliott Hygiene Ltd.,
55, Raywell Street,
Hull,
HU2 8EP
Telephone Number: 01482 372580
Fax Number: 01482 224132
Revision Date: 15.01.2018

2. COMPOSITION / INFORMATION ON THE COMPONENTS

Product Description: Lime Scale Remover
Hazardous Components: 1. Phosphoric Acid CAS No. 7664-38-2
Concentration <25%
2. Sulphuric Acid CAS No. 7664-93-9
Concentration <10%

3. HAZARD IDENTIFICATION

Health Effects – Eyes: Can cause severe irritation.
Health Effects – Skin: Prolonged contact will cause irritation.
Health Effects – Ingestion: Will cause sore mouth, throat / abdominal pain and vomiting.
Health Effects – Inhalation. No effect in normal use. If heated, may produce irritation.
Classified as irritant to eyes and skin under COSHH regulations 1993.
Risk Identification R36/38 Irritating to eyes and skin.

4. FIRST AID MEASURES

Eyes: Flush immediately with plenty of clean water / eyewash for at least 5minutes. Obtain medical attention.
Skin: Wash immediately with soap and water. If irritation persists obtain medical advice.
Ingestion: Rinse out mouth immediately with plenty of water. Give small sips of water or milk to drink. Obtain medical attention. Do not induce vomiting.
Inhalation: Remove patient to fresh air. Seek medical attention if irritation persists.

5. FIRE FIGHTING MEASURES

Protective equipment for fire fighters should wear self contained breathing apparatus.
Not normally combustible. Foam, dry chemical powder, carbon dioxide, fine water spray are all suitable.

6. ACCIDENTAL RELEASE MEASURES

Small spills may be washed away with water, avoid splashing. May be neutralised with care using dilute alkali or soda. Large spillages should be contained by sand or earth and neutralised prior to washing away or absorption and disposal.

7. HANDLING AND STORAGE

Handling: Wear protective safety clothing. Avoid contact with eyes and skin. Observe good standards of industrial hygiene.

Storage: Store at a temperature of between 0 – 35 Degrees C. Keep in tightly closed containers.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Protective safety clothing including rubber or PVC gloves and eye protection should be worn.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	Liquid.
Colour:	Clear, Usually Colourless.
Odour:	Odourless.
pH	<1.0
Specific Gravity (20oC):	1.1 typical.

10. STABILITY AND REACTIVITY

Stability:	Stable under normal conditions.
Conditions To Avoid:	Chlorates, Bases, Nitrates, Calcium Carbide.
Hazardous Decomposition:	May evolve highly flammable hydrogen if reacting with certain materials.

11. TOXICOLOGICAL INFORMATION

Health hazards are associated with acidic nature of the product and are described in section 3.

12. ECOLOGICAL INFORMATION

If bulk material disposal is not neutralised, toxic effects for fish and bacteria may start below pH6 increasing with lower pH. No data available on bioaccumulation of the product.

13. DISPOSAL

Product Disposal: Bulk material can be land dumped at suitable sites in line with local regulations. Large quantities should not be washed into drains.

14. TRANSPORT INFORMATION

UN Number 1824
Hazard Corrosive
Packing Group II
Hazard Class 8

15. REGULATORY INFORMATION

Label For Irritant (CHIP2)
Supply:

Risk Phrases: R36 / 38 Irritating to eyes and skin.

Safety S2 Keep out of reach of children.
Phrases: S24 / 25 Avoid contact with eyes and skin.
S26 In case of contact with eyes, rinse immediately with water seek medical advice.
S45 In case of accident or if you feel unwell, seek medical advice immediately.

16. OTHER INFORMATION

Do not mix with other chemicals. The information provided in this data sheet has been compiled in accordance with the requirements of the C.H.I.P. Regulations. The data does not constitute an assessment of the workplace risks as required under the provisions of the Health & Safety at work act and the control of substances hazardous to health.