

**PRODUCT NAME: ECOSOAK 6000**

**1 IDENTIFICATION OF SUBSTANCE AND SUPPLIER**

1.1 **Identification of the substance:**

Acid descaler

1.2 **Company address:**

Sonic Solutions Ltd  
Unit 15 Riverside Way, Ravensthorpe Ind Estate  
Dewsbury, West Yorks. WF13 3LG

1.3 **Telephone:**

01924 495975

**2 INFORMATION ON COMPONENTS**

2.1 **Hazardous components:**

Phosphoric acid

2.2 **Safety phrases:**

S24 Avoid contact with skin  
S25 Avoid contact with eyes  
S26 In case of contact with eyes rinse immediately with water and seek medical advice.

2.3 **Risk phrases:**

R34 Causes burns

2.4 **Occupational Exposure Standards (EH40):**

Phosphoric acid ST EXP (15 mins) 2.00 mg m<sup>-3</sup>

3.1 **Human hazards:**

Corrosive

3.2 **Environmental hazards:**

Highly acidic

**4 First Aid Measures ( cont. )**

4.3 **Inhalation:** Remove to fresh air and seek medical advice.

4.4 **Ingestion:** Seek immediate medical attention; give affected person water; do not induce vomiting. NEVER MAKE AN UNCONSCIOUS PERSON VOMIT OR FORCE FEED FLUIDS.

**5 FIRE FIGHTING MEASURES:**

5.1 **Extinguishing media:** Non-flammable.

5.2 **Hazardous decomposition products:** No specific products noted.

**6 ACCIDENTAL RELEASE PROCEDURES**

6.1 **Personal precautions:** Before tackling any spillage, suitable protective clothing should be worn.

6.2 **Methods for cleaning up:** Collect with absorbent material and store in suitable containers for disposal. Dike for large spills. Neutralise with alkaline material e.g. soda ash, bicarbonate etc. Flush area with water.

**7 HANDLING AND STORAGE**

7.1 **Handling:**

Ecosoak 6000 is corrosive; skin and eye contact should be avoided. Wear full protective clothing for prolonged exposure and/or high concentrations.

When handling all chemicals, observe good standards of industrial hygiene. Avoid swallowing/eye or skin contact with any mists or sprays which may be formed.

7.2 **Storage:**

Store in a cool, dry, ventilated storage area in closed containers.

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**4 FIRST AID MEASURES**

4.1 **Eyes:** Rinse immediately with copious quantities of cold water for at least 15 minutes. Seek medical advice immediately.

4.2 **Skin:** Wash with copious quantities of water and seek medical advice if symptoms persist.

## Solutions for Industry

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**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

**General:**

Personal exposure must be minimised and gloves together with approved Safety goggles must be worn.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

9.1 **Appearance:** Clear liquid

9.2 **Odour:** Mild detergent

9.3 **Physical properties:**

Density Typically 1.3 g cm<sup>-3</sup> ( 20°C)  
 Solubility in water Completely soluble  
 pH <1.0

**10. STABILITY AND REACTIVITY**

10.1 **Materials to avoid:**

No particular stability concerns; avoid contact with alkalis. Harmful gases can be liberated on contact with cyanides, nitrites, sulphites etc.

10.2 **Hazardous decomposition products:**

No specific products noted.

**11. TOXICOLOGICAL INFORMATION**

11.1 **Health Warnings:**

Can cause skin/eye irritation and burns ( corrosive ). Contact with the concentrated chemical will very rapidly cause eye damage and possibly loss of sight. Burning and severe skin damage can occur if the product comes into contact with bare skin. Swallowing the product will cause severe internal injury.

11.2 **Medical symptoms:**

Severe skin irritation.

**12. ECOLOGICAL INFORMATION**

Acute fish toxicity: No data available.  
 Water hazard classification: No data available.

**13. DISPOSAL CONSIDERATIONS**

Dispose of in accordance with Local Authority requirements. Neutralise any spills with soda ash/slaked lime and discharge to sewer with copious quantities of water.

**14. TRANSPORT INFORMATION**

**15 REGULATORY INFORMATION**

Label for Road transport:	Corrosive
Road Transport: UN No:	1760
ADR Class No:	8: Corrosives
15.1 <b>Label for supply:</b> ADR Item No:	5(b)
Hazchem Code:	2RE

15.2 **Risk phrases:**

R34 Causes burns

15.3 **Safety phrases:**

S24 Avoid contact with skin.  
 S25 Avoid contact with eyes.  
 S26 In case of contact with eyes, rinse immediately with water and seek medical advice.

**16. FURTHER INFORMATION**

16.1 **Date of issue:** 17 July 97

**Issue No.:** 01

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