

**PRODUCT NAME: ECOSOAK 6450**

**1 IDENTIFICATION OF SUBSTANCE AND SUPPLIER**

**1.1 Identification of the substance:**

Acid neutraliser

**1.2 Company address:**

Sonic Solutions (C&C) Ltd  
Unit 11 Carrock Road, Croft Business Park, Bromborough, Wirral CH62 3RA

**1.3 Telephone:**

0151 346 1760

**2. INFORMATION ON COMPONENTS**

**2.1 Hazardous components:**

Hydrochloric acid < 25%

**2.2 Safety phrases:**

S24/25 Avoid contact with skin.  
S26 In case of contact with eyes, rinse immediately with water and seek medical advice.  
S45 In case of accident, or if you feel unwell, seek medical advice immediately ( show label where possible).

**2.3 Risk phrases:**

R36/37/38 Irritating to eyes skin and respiratory system.

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

Hydrochloric acid ST EXP (15 mins) 5 ppm

**3. HAZARDS IDENTIFICATION**

**3.1 Human hazards:**

Irritating to eyes, skin and respiratory system.

**3.2 Environmental hazards:**

Highly acidic

**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. A mild solution of sodium bicarbonate(1%) can be used to reduce irritation.

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

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

**4.4 Ingestion:** Seek immediate medical attention; give affected person lots of 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:** Toxic fumes of hydrogen chloride may be generated in fire situations.

**6. ACCIDENTAL RELEASE PROCEDURES**

**6.1 Personal precautions:** Before tackling any spillage, suitable protective clothing should be worn. Evacuate area and ventilate well. Do not touch spilled chemical. Inform the relevant authorities if large amounts are involved.

**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 6450 is an irritant; 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.

**7.3 Storage criteria:**

Chemical storage

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**8. EXPOSURE CONTROLS/PERSONAL PROTECTION****General:**

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

OES Hydrochloric acid ST EXP (15 mins) 5 ppm

**9. PHYSICAL AND CHEMICAL PROPERTIES**

9.1 **Appearance:** Clear colourless liquid

9.2 **Odour:** Slight, acid

**9.3 Physical properties:**

Density	Typically 1.1 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:**

Toxic fumes of hydrogen chloride can be liberated in fire situations.

**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. Prolonged inhalation of high concentrations may result in damage to the respiratory organs. Swallowing the chemical may cause severe internal injury.

**11.2 Medical symptoms:**

Severe skin, eye and respiratory 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**

Label for conveyance:  Corrosive

Road Transport: UN No: 1760  
 ADR Class No: 8: Corrosives  
 ADR Item No: 5(b)  
 Hazchem Code: 2RE

**15. REGULATORY INFORMATION****Label for supply:**

**IRRITANT**

**15.2 Risk phrases:**

R36/37/38 Irritating to eyes, skin and respiratory tract.

**15.3 Safety phrases:**

S24/25 Avoid contact with skin and eyes  
 S26 In case of contact with eyes, rinse immediately with water and seek medical advice.  
 S45 In the event of an accident or should you feel unwell, seek medical advice immediately.

**16. FURTHER INFORMATION**

16.1 **Date of issue:** 27<sup>th</sup> August 1998

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