

**MATERIALS SAFETY DATA SHEET No.: 021**

**PRODUCT NAME: ECOHIB 4500**

**1. IDENTIFICATION OF SUBSTANCE AND SUPPLIER**

**1.1 Identification of the substance:**

Blend of surfactants, water softening agents, and corrosion inhibitors.

**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:**

Not regarded as hazardous under current legislation

**2.2 Safety phrases:**

S2 Keep out of reach of children  
S24 Avoid contact with skin  
S25 Avoid contact with eyes

**2.3 Risk phrases:**

Not classified

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

**3. HAZARDS IDENTIFICATION**

**3.1 Human hazards:**

Mildly irritating to the eyes and skin.

**3.2 Environmental hazards:**

Not classified as hazardous under current legislation.

**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.

**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/milk; do not induce vomiting. NEVER MAKE AN UNCONSCIOUS PERSON VOMIT OR FORCE FEED FLUIDS.

**5. FIRE FIGHTING MEASURES:**

**5.1 Extinguishing media:** Use water to keep fire exposed containers cool and disperse vapours.

**5.2 Hazardous decomposition products:** Carbon dioxide/monoxide, nitrous and phosphorus oxides.

**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.

**7. HANDLING AND STORAGE**

**7.1 Handling:**

Ecohib 4500 will not cause problems in handling and use, provided that good standards of industrial hygiene are maintained and safe working practices observed.

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. Store away from oxidising agents.

**Sonic Solutions Ltd** - Solutions for Industry

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Tel: 01924 495975

**PRODUCT NAME: ECOHIB 4500****8. EXPOSURE CONTROLS/PERSONAL PROTECTION****General:**

Personal exposure must be minimised and gloves together approved safety goggles should be worn where eye exposure is probable.

Triethanolamine	CAS 102-71-6	No standard
Phosphoric acid	CAS 7664-38-2	1 mg m <sup>-3</sup> (LT exp.)

**9. PHYSICAL AND CHEMICAL PROPERTIES**

9.1 **Appearance:** Amber coloured liquid

9.2 **Odour:** Amine

**9.3 Physical properties:**

Density	1.12 g cm <sup>-3</sup> (20°C)
Solubility in water	Miscible
pH	7.5 - 9.5

**10. STABILITY AND REACTIVITY****10.1 Materials to avoid:**

No particular stability concerns.

**10.2 Hazardous decomposition products:**

Carbon dioxide/monoxide, nitrogen and phosphorus oxide gases can be formed in fire situations.

**11. TOXICOLOGICAL INFORMATION****11.1 Health Warnings:**

No specific acute or chronic health impact noted however, this chemical may still have an adverse impact on human health, either in general or on certain individuals with pre-existing or latent health problems.

**11.2 Medical symptoms:**

Main area for concern is in the defatting of the skin by the chemical concentrate. The use of suitable protective clothing will eliminate this risk.

**12. ECOLOGICAL INFORMATION**

Acute fish toxicity: No data available.

Water hazard classification: No data available.

**13. DISPOSAL CONSIDERATIONS**

Diluted material may be routed directly to the foul drain.

**14. TRANSPORT INFORMATION**

Label for conveyance: Not applicable

Road Transport: UN No: Not applicable

**15. REGULATORY INFORMATION****15.1 Label for supply:**

Not classified

**15.2 Risk phrases:**

Not classified

**15.3 Safety phrases:**

S2 Keep out of reach of children  
S24/25 Avoid contact with skin and eyes

**16. FURTHER INFORMATION**

16.1 **Date of issue:** 8 October 96

**Issue No.:** 01

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