

MATERIAL SAFETY DATA SHEET – SCALBREAKER LS3

Kamco Limited

Unit 9, Curo Park, Frogmore, Park Street, St Albans. AL2 2DD.

Tel: 01727 875020 Fax: 01727 875335

email: info@kamco.co.uk

1. Product name / description:

SCALEBREAKER LS3 boiler cleaning liquid

2. Composition / information on ingredients:

Blend of reactants, including ammonium bicarbonate, CAS no.:1066-33-7, corrosion inhibitors, and sequestrants.

3. Hazards identification:

Non hazardous

4. FIRST AID MEASURES:

Eyes: Wash immediately with copious amounts of water. If irritation persists, seek medical attention.

Skin: None, non irritant.

Ingestion: Wash out mouth thoroughly, and drink plenty of water. Should cause no adverse effect under normal circumstances.

Inhalation: n/a.

5. Fire fighting measures:

Material is non-flammable, nor will it support combustion.

6. Accidental release measures:

Spillages: Dilute with water, and flush to drain with plenty of water.

7. Handling & storage:

Use in a well ventilated area.

Avoid eye contact.

Store in a cool area. Scalebreaker LS3 has a relatively high vapour pressure, and storage of containers at high temperatures may cause the container to bulge slightly. If so, release cap carefully, to lower pressure.

8. Exposure controls / personal protection:

Scalebreaker LS3 is a mildly alkaline liquid, and is safe to handle. Nevertheless, the use of gloves and safety goggles during boiler cleaning is a prudent precaution. Use in a well ventilated area.

<p>9. Physical & chemical properties:</p> <ul style="list-style-type: none"> • Appearance: fluorescent green liquid. • Odour: ammoniacal smell • Density: ca. 1.07 kg/litre. • pH of 1% solution: ca. 7 • Solubility in water: infinite.
<p>10. Stability & reactivity:</p> <p><u>Conditions to avoid:</u> Avoid extremes of temperature. Will react with acids, liberating carbon dioxide.</p>
<p>11. Toxicological information: Non toxic.</p>
<p>12. Ecological information: Practically non toxic to living resources.</p>
<p>13. Disposal considerations: Dilute with water, and flush to drain with plenty of water. Observe local disposal regulations.</p>
<p>14. Transport information:</p> <p>Shipping name: SCALEBREAKER LS3. No hazard category.</p>
<p>15. Regulatory information:</p> <p><u>Risk phrases:</u> N1. Non-hazardous material – CHIP regulations do not apply.</p>
<p>16. Other information:</p> <p>Usual application of product: Cleaning and loosening the fireside of oil, gas, and coal-fired boilers.</p>
<p>Legal disclaimer: The above information is based on the present state of our knowledge of the product at the time of publication. It is given in good faith, no warranty is implied with respect to the quality or specification of the product. The user must satisfy himself that the product is entirely suitable for his purpose.</p>

Issue date: 14.11.08