

MATERIAL SAFETY DATA SHEET- SYSTEMSAFE IC

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1. Product name / description:

SYSTEMSAFE-IC scale & corrosion inhibitor

for the protection of closed circuit low pressure hot water systems, and chilled water systems.

2. Composition / information on ingredients:

Aqueous blend containing sodium nitrite, phosphonate, polymer, and azole.

3. Hazards identification:

Toxic.

4. FIRST AID MEASURES:

Eyes: Rinse with sterile water for at least 10 minutes. If irritation persists, seek medical attention.

Skin: Rinse with plenty of water. Launder contaminated clothing before reuse. If irritation persists, seek medical attention.

Ingestion: **DO NOT INDUCE VOMITING.** Wash out mouth with water. Seek medical attention.

Inhalation: n/a.

5. Fire fighting measures: Material is not combustible. Use any suitable fire fighting medium for other materials present.

6. Accidental release measures:

Do not allow material to contaminate drains or watercourses. Absorb on to sand or inert material.

Dispose of as solid waste.

7. Handling & Storage:

Handling: Avoid contact with with eyes, skin, and clothing. Wash after handling, and before eating or smoking.

Storage: Store above 10°C. Keep container closed when not in use.

8. Exposure controls / personal protection:

Hand protection: Wear rubber or PVC gloves.

Eye protection: Wear safety goggles or face shield.

9. Physical & chemical properties:

- Appearance: straw coloured liquid.
- Relative density: ca. 1.159
- pH of 1% solution: 8.5
- Solubility in water: miscible in all proportions..

10. Stability & reactivity:

Stability: Stable under normal conditions.

Materials to avoid: Strong acids and combustible materials.

Hazardous decomposition products: oxides of carbon and nitrogen.

11. Toxicological information:

Liquid can cause irritation to skin and eyes. Aspiration during swallowing or vomiting may damage the lungs.

12. Ecological information:

Environmental effects: Organic components biodegradable. Toxic to aquatic life.

13. Disposal considerations:

Do not allow material to contaminate drains or watercourses. Absorb on to sand or inert material. Dispose of as solid waste. In small quantities, dispose of by flushing away with copious amounts of water.

14. Transport information:

- UN number: 3287
- ADR Class/Item number: 6.1
- CAS Number:
- Primary hazard: Toxic.
- Packing group: III

Shipping name: SYSTEMSAFE-IC

15. Regulatory information:

Symbol: TOXIC

- RISK PHRASES:

R25 Toxic if swallowed.

- SAFETY PHRASES:

S2 Keep out of reach of children.

S24/25 Avoid skin and eye contact

S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S36/37 Wear suitable gloves and eye/face protection.

S45 In case of accident or if you feel unwell, seek medical advice.

S46 If swallowed, seek medical advice immediately, and show this MSDS data sheet.

16. Other information:

Usual application of product: Application to closed heating and cooling system water to prevent corrosion and scale formation.

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.

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