

# MATERIAL SAFETY DATA SHEET - SYSTEM PRE-CLEAN

## ***Kamco Limited***

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### **1. Product name / description:**

**SYSTEM PRE-CLEAN** - pre-commission cleaning product for heating and cooling systems.

### **2. Composition / information on ingredients:**

Neutral aqueous blend of sulphonated copolymer, nitrite, organo phosphonate, organic amine, and non-ionic surfactant.

CAS nos.: 7632-00-0; 7631-99-1; 37971-36-1; 102-71-6.

### **3. Hazards identification:**

Non hazardous

### **4. FIRST AID MEASURES:**

Eyes: If irritation is experienced, rinse with plenty of water. If irritation persists, seek medical attention.

Skin: Rinse with water.

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

Inhalation: n/a.

### **5. Fire fighting measures:**

Material is not flammable, nor will it support combustion.

### **6. Accidental release measures:**

Spillages: Dilute with water and flush to drain with plenty of water. Observe local disposal regulations.

### **7. Handling & storage:**

Avoid extremes of temperature. Store above freezing point. Replace cap after use.

### **8. Exposure controls / personal protection:**

Wear safety glasses to avoid splashes.

<p><b>9. Physical &amp; chemical properties:</b></p> <ul style="list-style-type: none"> <li>• Appearance: Clear liquid.</li> <li>• Odour: odourless.</li> <li>• Density: ca. 1.08 kg/litre.</li> <li>• pH of 1% solution: 7.4.</li> <li>• Solubility in water: infinite.</li> </ul>
<p><b>10. Stability &amp; reactivity:</b></p> <p><u>Conditions to avoid:</u> Avoid extremes of temperature.</p> <p><u>Materials to avoid:</u> none specified.</p> <p><u>Hazardous decomposition products:</u> none.</p>
<p><b>11. Toxicological information:</b></p> <p>Non toxic.</p>
<p><b>12. Ecological information:</b></p> <p>Practically non toxic to living resources.</p>
<p><b>13. Disposal considerations:</b></p> <p>Dilute with water and flush to drain with plenty of water. Observe local disposal regulations.</p>
<p><b>14. Transport information:</b></p> <p>Shipping name: SYSTEM PRE-CLEAN. No hazard category.</p>
<p><b>15. Regulatory information:</b></p> <p><u>RISK PHRASES</u></p> <p>R22 Harmful if swallowed.</p>
<p><b>16. Other information:</b></p> <p>Usual application of product. Application to heating and cooling systems, after construction or modification, to clean, prepare, and condition system prior to use.</p>
<p><b>Legal disclaimer:</b> 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>

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