

## **GLENGARRY CS-1000 SUPPLEMENT**

### **ALUMINIUM CORROSION INHIBITOR**

#### **DESCRIPTION**

Glengarry CS-1000 Supplement is corrosion inhibitor specifically formulated for protection of aluminium. It is based on sodium silicate chemistry and is to be used in conjunction with a comprehensive closed system treatment. It is compatible with both nitrite and molybdenum inhibitors.

Soluble silicates are effective and environmentally responsible chemicals, which have been used for more than 70 years to protect metals from the corrosive effects of water. They are classified as corrosion inhibitors because they can deposit protective films onto various metal surfaces.

The addition of CS-1000 will increase the pH of the system water. The pH should be monitored and adjusted to the pH range as specified by the boiler manufacturer.

Glengarry CS-1000 is a clear to hazy white coloured liquid, with the following characteristics.

Specific Gravity: 1.10 – 1.15

pH: 11.5 – 12.5

#### **APPLICATION**

Glengarry CS-1000 can be pumped into the system directly or added through a pot feeder. The normal dosage is 1.0 to 1.5 gallons per 1,000 gallons of water to maintain a residual of 100 to 150 mg/L SiO<sub>2</sub>. This residual can be easily measured with the use of a HACH silica test kit. Since the dosage is dependent on the conditions of the system,

contact your Glengarry Chemicals Ltd. representative for further recommendations.

#### **AVAILABILITY**

20 litre plastic Pail

200 litre plastic Drum

#### **HANDLING PRECAUTIONS**

Sodium silicate solutions are inorganic compounds and are not classified as hazards in the TDG shipping regulations. Due to their moderate alkalinity, care should be taken to prevent contact of silicate solutions with eyes and skin. Personnel handling silicate solutions should use protective clothing and equipment to prevent accidental contact. For further information, please refer to the Material Safety Data Sheet.

#### **TERMS OF SALE**

To the best of our knowledge the information contained herein is accurate and true. Any recommendations or suggestions are made without warranty or liability on our part since the conditions of use are beyond our control.

*For further information on this product, please contact our office or your service representative .*