

FLOWSOLV 100

FLOWSOLV 100 is designed for use in treating HVAC cooling and heating systems where the temperature does not exceed 120°C. It is important to note that the treated water should not come into contact with edible products.

Handling Precautions

Although **FLOWSOLV 100** is an Eco-Friendly product, it is essential when handling to wear protective gloves and safety goggles. In case of contact, immediately flush the affected area with plenty water. Medical advice should be sought after contact. Before use, is recommended to consult the Material Safety Data Sheet for more detailed information.

Optimal Dosage

The typical dose rate of **FLOWSOLV 100** is 0.25% to 0.3% V/V. This dosage is recommended to maintain a molybdate inhibitor reserve of 100 mg/L (as MoO₄). Therefore, 2.5 litres will dose a 1,000-litre system.

Monitoring for Optimal Protection

For quicker determination of inhibitor levels, molybdate content in the water should be tested, always ensuring a maintained level of 100 mg/L molybdate residual. For better control of corrosion and to monitor long-term performance, checking corrosion rates using corrosion meters is advised.

FLOWSOLV 100 is available in the following packaging sizes: **15L, 200L, & 1000 IBC's**

Corrosion Inhibitor

Product Data Sheet

Product Description and Key Benefits

FLOWSOLV 100 is a blend of biodegradable and non-hazardous ingredients applicable for corrosion inhibition and passivation of LTHW & CHW Closed Water Systems.

FLOWSOLV 100 protects the system against flash rust, aqueous rust and provides a passive layer on metal surfaces to protect against corrosive hardness ions. The product is tested to be safe for use with Ferrous and non-Ferrous metals such as Mild Steel, Stainless Steel, Copper & its alloys and Aluminium.

FLOWSOLV 100 is compatible to use with all types of water including high hardness, softened and deionised water. This product can be dosed into Closed Water systems with no Pollution or Environmental concerns.

FLOWSOLV 100 contains molybdate corrosion inhibitor for protecting metals including Aluminium, against corrosion. Performance can be monitored by testing for Molybdate residual in water.

Choose **FLOWSOLV 100** for a sustainable, effective solution that prioritises both system integrity and environmental responsibility.



FLOWSOLV 100 is classed as **Green Chemistry** specifically designed as a corrosion inhibitor and passivator.



FLOWSOLV 100 is a proprietary Non-Hazardous Chemical blend containing **Biodegradable** NSF approved ingredients.



FLOWSOLV 100 Offers excellent protection against anodic & cathodic corrosion.



FLOWSOLV 100 does not contain any heavy metals, better for the environment.



FLOWSOLV 100 contains corrosion inhibitors that protect both ferrous and non-ferrous metals and includes a bio-dispersant.

Storage

For optimal preservation, containers should be tightly closed and stored in a well-ventilated place. The product has a shelf life of <24 months.

General Specifications

Form: Liquid

Appearance: Light Yellow to Amber

Flash Point: None

Solubility in Water: Complete

pH: 7 – 8.5

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