

FLOWCLEAN 400

FLOWCLEAN 400 is a sustainable, effective solution for cleaning of closed loop systems without the need for water waste, prioritising both system integrity and environmental responsibility.

The Product is designed for use in treating HVAC cooling and heating systems where the temperature does not exceed 120°C.

Handling Precautions

Although FLOWCLEAN 400 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. Before use, is recommended to consult the Material Safety Data Sheet for more detailed information.

Optimal Dosage

For closed systems containing soft water, the typical dose of FLOWCLEAN 400 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.

FLOWCLEAN 400 is available in the following packaging sizes: **15L, 200L, & 1000 IBC's**



Inhibitor & Non-Flush Cleaner

Product Data Sheet

Product Description and Key Benefits

FLOWCLEAN 400 is a **super concentrate** proprietary eco-friendly formulation blend that combines biodegradable and non-hazardous ingredients, specifically designed for the non-drain cleaning and passivation of Low Temperature Hot Water (LTHW) and Chilled Water (CHW) Closed Loop Water Systems. This innovative product effectively targets and removes light hardness scales, rust deposits, dirt, microbial slime, and traces of oil and grease, while minimising environmental impact. The organic components in FLOWCLEAN 400 chemically interact with lighter particles, helping to disperse heavier contaminants into suspension for effective collection through Side Stream Filtration such as the **Filter Pot**.

Its safe formulation is compatible with both ferrous and non-ferrous metals - including mild steel, stainless steel, copper and its alloys aluminium - providing a protective layer of passivation against future corrosion.



FLOWCLEAN 400 is classed as **Green Chemistry** specifically designed as a non-flush cleaner and passivator.



FLOWCLEAN 400 is a proprietary Non-Hazardous Chemical blend containing **Biodegradable** NSF approved ingredients.



FLOWCLEAN 400 minimises pitting corrosion and offers excellent protection against anodic & cathodic corrosion.



FLOWCLEAN 400 does not contain any heavy metals, better for the environment.



FLOWCLEAN 400 contains corrosion inhibitors that protect both ferrous and non-ferrous metals and includes a bio-dispersant.



FLOWCLEAN 400 used in combination with side-stream filtration such as the filter pot for optimal performance.

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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