

OC 302

Closed system corrosion inhibitor for all copper/brass piping systems

DESCRIPTION

OC302 is an all-organic blend of corrosion inhibitors designed for use in closed systems containing exclusively yellow metal alloys such as copper and brass. This organic inhibitor is also compatible with non-metallic materials commonly found in radiant heating systems such as cross-linked polyethylene plastics. This concentrated liquid formulation protects piping systems from corrosion by forming a protective film on metal surfaces. This unique blend also provides Vapor Phase action to protect areas where typical contact inhibitors cannot reach. Not for use in multi-metal systems.

OC302 combines a film-forming corrosion inhibitor with a dispersant and pH buffer to generate conditions that will optimize yellow metal corrosion. This environmentally safe formulation does not contain nitrites, phosphates, chromates or heavy metals.

TYPICAL APPLICATIONS

- Compatible with Ethylene Glycol and Propylene Glycol
- Chilled or Hot Water Heating Systems, Process Heating or Cooling Systems
- Ideal for use in systems fed with soft or hard water make-up containing less than 150 mg/L total hardness (as CaCO₃)

BENEFITS

- All-Organic yellow metal corrosion inhibitor
- Environmentally friendly, contains no heavy metals
- Optimizes pH levels in all copper/brass piping systems
- Compatible with plastic tubing commonly found in radiant heating systems

DOSAGE

For effective corrosion control, add sufficient inhibitor to produce a pH between 7.5 – 9.0. A periodic pH test should be performed to ensure that total product concentrations are within the recommended control range. The dosage of OC302 will vary depending on make-up water quality. The recommended dosage range is 0.5 - 2 liters per each 1000 liters of untreated system volume.

FEEDING

OC302 may be fed without dilution directly to the system via a by-pass or pot-feeder. It may also be fed by a chemical pump to an area of good mixing within the system. No special materials of construction are required for the chemical feed system.

PACKAGING & DELIVERY

OC302 is available in 20 Liter pails, 205 Liter drums, totes and bulk. The product containers should be kept tightly closed. Protect from freezing.

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PRODUCT SAFETY

OC302 should be handled with appropriate care. All personnel who may have contact with OC302 should review the Material Safety Data Sheet to familiarize themselves with the application, handling, storage and disposal procedures before using this product

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