

CorrShield* MD4100

molybdate closed system cooling water treatment

- Effective corrosion inhibitor for mild steel, copper and copper alloy metallurgies
- Stable and effective at high temperature and heat fluxes
- Compatible with alcohol and glycol antifreeze
- Contains azole for protection of copper metallurgies
- Controlled by a simple molybdate test

description and use

CorrShield MD4100 is a blend of inhibitors designed to control corrosion, scale and deposition in closed cooling systems. CorrShield MD4100 contains molybdate and nitrite, which provides rapid passivation and lasting protection of mild steel against corrosion.

typical applications

CorrShield MD4100 provides a complete corrosion inhibitor, scale inhibition and dispersant programme for mixed metallurgy closed cooling systems. The product may be applied to closed cooling systems that use demineralised, reverse osmosis permeate, ion exchange softened or hard water, as make up water. CorrShield MD4100 is also designed to inhibit corrosion of copper metallurgies and to control fouling caused by particulate matter and inorganic scales, such as calcium carbonate.

treatment and feeding requirements

Proper treatment levels of CorrShield MD4100 depend on many factors, such as corrosion and scale potential, and conditions particular to a given installation. The product should be used in accordance with control procedures that SUEZ establishes for a specific application.

The product may be fed directly from the shipping container or storage tank to a point in the system where it will be rapidly mixed with the bulk cooling water.

Equipment recommendations for specific blends are available upon request.

The product may be fed continuously based on the make up water rate, or intermittently based on residual required and the system water volume. Feed of CorrShield MD4100 is controlled by a simple and accurate molybdate test.

general properties

Physical properties of CorrShield MD4100 are shown on the Safety Data Sheet, a copy of which is available upon request.

packaging information

CorrShield MD4100 is a liquid blend, available in a variety of containers and delivery methods. Contact your SUEZ representative for details at www.suezwatertechnologies.com.

storage

Store CorrShield MD4100 at moderate temperatures and protect from freezing. If frozen, thaw completely and mix thoroughly prior to use.

safety precautions

A Safety Data Sheet containing detailed information about this product is available upon request.

Find a contact near you by visiting www.suezwatertechnologies.com and clicking on "Contact Us."

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