



FCT Water Treatment

TYPE: LIQUID

System Cleaning and Pre-Passivation

CC-4000D

General Description

CC-4000D Series products are liquid blends of corrosion inhibitors, alkalinity builders polymeric dispersants and surface active agents designed for cleaning and passivating for ferrous and non-ferrous water systems.

Application

- Completely fill system to be treated with deionized/demineralized quality water.
- If required, adjust pH to range of $6.5 < \text{pH} < 10$ using sulfuric acid, citric acid or caustic.
- Water in system should be circulated continuously throughout the entire chill water and glycol water system including evaporators and ice coils. The chillers must not be in service, i.e. no load condition. Only the chill water pumps must be in service.
- Add the CC-4000D Series product to at the rate of 60-80 gallons per 10,000 gallons of system volume.
- Add approved non-oxidizing biocide MB-28, MB440 or MB-400 to achieve recommended treatment level.
- Circulate system continuously for 24-72 hours.
- Maintain $6.5 < \text{pH} < 10$ using sulfuric acid, citric acid or caustic as required.
- Drain system. Flush with deionized/demineralized quality water.
- Immediately after flushing, re-fill system with deionized/demineralized water and inhibited glycol charge.

Handling & Storage

- CC-4000D contains materials which can cause irritation to the eyes and skin. As with all chemicals, follow the instructions on the Materials Safety and Data Sheet for the proper procedures for handling and storage.

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