

RustX

Removes encrusted lime, scale,
rust and corrosion



Product Data Sheet

Description

RustX is an effective and efficient heat transfer system cleaner designed to remove encrusted lime scale, rust and corrosion products from water-wetted surfaces.

- Neutral compound - does not contain any acid.
- Based upon chelating agents.
- Designed for closed loop systems (venting not required) and systems containing aluminum.
- Can be disposed of in municipal water handling operations

When used as directed, RustX would not affect Aluminum, Stainless Steel, Carbon Steel, Brass, Admiralty Metal, Copper, Iron Lead, PVC, Plastic, Polyethylene, Rubber, Leather and most other materials found in water-wetted equipments. RustX is not recommended for Zinc ,Galvanized Surfaces and Magnesium Alloys



Before



After

Features

RustX provides an excellent method to clean equipment without expensive disassembly. In some applications, the cleaning can be accomplished while the system is in operation. RustX can remove scale in small, inaccessible places that cannot otherwise be cleaned.

- All types of power plant boilers and piping systems including nuclear power plants.
- Equipment in refineries, utility companies, paper mills, chemical plants, foundries and other industries.
- Sewage disposal plants, water treating facilities and other municipal water handling operations.
- Compressor stations and radiator systems of all types including closed loop cooling systems.
- Any equipment that is water cooled in any manner or that requires the removal of multivalent metal ions.
- Applications in office buildings, hospitals and electronic facilities where accidental spills or leaks could result in adverse effects.
- Any cleaning application requiring a solution with extremely low metal ion content
- RustX is non-acid and does not require neutralization.
- RustX operates in a pH range from 6.0 to 8.5 and can be safely disposed in municipal water handling operations.

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Application

RustX cleans by chemically tying up the multivalent metal ions in solution. The time required for any given application will depend upon the temperature available, the concentration of the RustX solution and the quantity of scale, rust and corrosion present. RustX is most effectively used by circulating through the equipment to be cleaned. When possible, circulation should be up flow.

- Use at 20% strength for cleaning
- Use at 2% concentration for preventative maintenance
- Should be heated to between 120 °F - 200 °F
- Should be circulated through system
- Circulation time 6 - 8 hours
- Effective in systems with a pH range of 6.0 to 8.5

For detailed application kindly contact us.

Regulations and Restrictions

RustX® is considered by OSHA & DOT to be a non-hazardous chemical*.

- Non-Toxic
- Non-Corrosive
- Non-Flammable
- 40 CRF-261 & DOT 173.240(a)



Physical data

- Appearance : Blue Green Liquid
- Specific Gravity : 1.06
- Boiling Point : 214 °F
- Vapor Pressure : N/A
- Freezing Point : 15°F
- pH : 1.0
- Flash Point : None

For further information, please contact:

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