

HYDREX™ 2234

Product Information - Technical Data Sheet

Cooling Water Treatment



Description and use

HYDREX 2234 is a multi-component cooling water treatment product that is excellent in the prevention of scale formation in cooling systems under a wide variety of operating conditions.

HYDREX 2234 also has excellent corrosion control capabilities for all metals including copper. It will also aid in the dispersion of other mineral contaminants in cooling water such as iron or manganese.

HYDREX 2234 is stable under stressed conditions provides superior results for systems operating at higher cycles of concentration.

Advantages

- Effective scale inhibition
- Good general dispersion
- Effective cathodic corrosion inhibition for pH 7.5-9.0
- Liquid product easy to handle
- Cost effective concentrated formulation

Specification

- Physical form: Liquid
- Color: Colorless to pale yellow
- Odor: Acid
- pH product value: 1.50
- Specific gravity: 1.15
- Boiling Point (°C): 100
- Freezing Point (°C): 0

Materials compatibility

Tanks recommended materials: 304SS, 316SS, PVDF, Crosslinked HDPE, Polypropylene, Lined Mild Steel

Tanks not recommended materials: Copper, Galvanized steel, Unlined Steel

Pump & piping recommended materials: 304SS, 316SS, Polyethylene HD, PVDF, PVC

Pump & piping not recommended materials: Unlined Steel, Galvanized steel, Copper

Application information

HYDREX 2234 can be either fed neat directly from the shipping container or diluted to any convenient concentration via an inline static mixer.

Dosage must be calculated based upon water characteristics and operating conditions. Please contact your Veolia representative for the proper dosage and specific control limits.

Handling, storage and packaging

For best results, store product at 0-32°C. Protect from freezing. If product freezes, allow to warm in heated area and thaw thoroughly before using; mix container prior to use. If product spills clean it up as soon as possible; please refer to the MSDS for information.

Packaging:

HYDREX 2234 is available in bulk, semi bulk and small containers.

Details are available on request.

Safety information

Detailed information on the product described in this leaflet can be found in our relevant health and safety information (Safety Data Sheet). Please contact your Veolia representative for further information.

