

HYDREX™ 2250

Product Information – Technical Data Sheet

Water Treatment Chemical

Cooling Water Treatment



Description and Use

HYDREX 2250 is All Scale and Corrosion Inhibitor with Dispersants for Open Evaporative Cooling Systems.

Advantages

- Controls scale, corrosion and sedimentation
- Inhibits corrosion of all metals
- Easily controlled liquid treatment
- Halogen resistant
- pH control not required
- Maintains clean systems
- Non-polluting
- Does not promote bacterial growth

Application Information

HYDREX 2250 has been formulated for use in open re-circulating cooling systems. It is an integral component of our 'High pH Solution for the Control of Cooling Water Systems.' The total concept is designed to eliminate corrosion and deposit formation from within the system, thereby maximizing performance and eliminating unscheduled downtime, while also reducing the risk of legionella proliferation.

HYDREX 2250 contains inhibitors for the protection of various metals, a scale inhibitor and dispersant for the maintenance of clean heat transfer surfaces which will ensure improved system efficiency.

Dosage rate will be dependent on the make up water quality and system design. It is recommended that addition is made in proportion to the make up water usage. The exact dosage rate and most efficient method of dosing will be determined and monitored by your local contact as part of our expert consultancy service.

It is recommended that this product is used as part of a complete cooling water treatment program to control corrosion, scale fouling and biological contamination.

Specifications

- Appearance : Colorless to pale yellow liquid
- Specific Gravity : 1.14 – 1.20 (@ 20 °C)

- pH (as supplied) : 13 – 14 (@ 25 °C)
- Flash point : Non-flammable

Packaging

Supplied in 20 kg pails, 200 kg plastic drums and 1000 kg containers. Other packaging are available upon request.

Shelf life of Hydrex 2250 is 2 years under normal handling and storage conditions.

Safety Information

This product is highly alkaline and corrosive to body tissue and must be handled with great care. Skin and eye contact must be avoided and gloves and goggles should be worn, along with protective overalls when handling the product or solutions containing the product. Do not store with acidic materials. Ensure that the operator is fully informed and familiar with the use of the product.

Avoid ingestion of the product by mouth and nose. To eliminate the possibility of accidental ingestion, operator should never eat, drink or smoke when using chemicals. In addition, protective clothing should be removed, and the hands washed prior to eating, drinking or smoking.

Store in the original containers and ensure that the cap is always secure. Do not store in temperatures above 40°C or below 0°C for extended periods. Avoid storing near direct heat and in direct sunlight.

Please refer to the Safety Data Sheet for more detailed information

Publication

This product information is released on 25 Mar. 2024, to replace all previous versions of Hydrex 2250 product information document.

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