

HYDREX™ 2914

Product Information – Technical Data Sheet

Water Treatment Chemical

Closed Loop Treatment – Corrosion Inhibitor



Description and Use

Hydrex 2914 has been formulated to provide corrosion inhibition in closed recirculating systems operating at high and low temperatures, such as engine cooling systems, chilled and L.T.H.W. Corrosion in closed water systems will result in deposit formation which will reduce flow, heat transfer and overall system efficiency.

Hydrex 2914 provides effective protection for iron and steel, brass, copper and many other metals which are present in such systems.

Advantages

- ✦ Ideal for use in engine cooling systems, as well as other closed heating and cooling systems.
- ✦ Compatible with anti-freeze.
- ✦ Reduces cavitation and erosion.
- ✦ Suitable for use with a wide variety of metals including iron and steels, copper, bronze and brass.
- ✦ Cost effective concentrate.
- ✦ An easily handled liquid formulation, suitable for manual or automatic dosing.

Application Information

Dosage rate will be dependent upon system make-up water quality and system design. It is recommended that Hydrex 2914 is dosed into the system via either a bypass feeder or dosing pump, or added when the system is being refilled after draining.

The exact dosage rate and most efficient method of addition for a specific application will be determined and monitored by your Hydrex Consultant as part of our expert consultancy service.

Specifications

- ✦ Appearance : Colorless to pale yellow liquid
- ✦ Specific Gravity: 1.23 – 1.29 (@ 20 °C)
- ✦ pH (as supplied) : 12.0 – 13.0 (@ 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 2914 is 2 years under normal handling and storage conditions.

Safety Information

This product, in its concentrated form, is moderately alkaline and should be handled with care. Skin and eye contact should be avoided and gloves and goggles should be worn along with protective overalls when handling the concentrated product. This product is also an oxidising agent and should be stored away from any flammable or acidic materials. Do not store with acidic materials.

Ensure that the operator is fully informed and familiar with the use of the product.

Please refer to the SDS for more detailed information.

Publication

This product information is released on 25 Mar. 2024, to replace all previous versions of Hydrex 2914 product information document.

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