



PRODUCT DATA

PD 149

AQUARIGHT OX 35

DESCRIPTION AND USE

AQUARIGHT OX 35 is a catalyzed hydrazine. Its reaction speed with oxygen is much faster than that of plain hydrazine.

AQUARIGHT OX 35 is recommended for control of oxygen corrosion in feed water systems and boilers where the sodium sulfite cannot be used.

AQUARIGHT OX 35 contains no inorganic solids, it is well suited for the treatment of steam, steam condensate and de-ionized feed water, even when the feed water is used for superheated steam. It may also be used for wet idle of boilers.

GENERAL SPECIFICATION

Appearance : Colorless
pH, 1 % solution : 11.6 (± 0.5)
Specific gravity @ 25 °C : 1.01
Solubility in water : Completely miscible

TREATMENT AND DOSAGE REQUIREMENTS

AQUARIGHT OX 35 is normally added to the feed water depends initially on the dissolved oxygen level in the water, with an excess provided to react with ferric oxide forming a magnetite film on the metal surface. The ideal place to add AQUARIGHT OX 35 is at the de-aerator discharge, this provides maximum protection for the feed water system.

AQUARIGHT OX 35 should be fed at a rate sufficient to maintain a residual of from 0.01 to 0.10 ppm of hydrazine in the boiler water. The rate may be higher initially to prevent rust and form stable magnetite film.

AQUARIGHT OX 35 can be dosed as a neat product, therefore, it is best to be diluted at 1-5 % adequate solution for case in pumping and metering.

PRODUCT BENEFITS

Very fast reaction with oxygen.
Very little dose rate.
Provides a magnetite film against corrosion.
Easy to analyzed

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