



## PRODUCT DATA

PD 159

# AQUARIGHT OX 70

### DESCRIPTION AND USE

AQUARIGHT OX 70 is a catalyzed hydrazine. Its reaction speed with oxygen is much faster than that of plain hydrazine.

AQUARIGHT OX 70 is recommended for control of oxygen corrosion in feed water systems and boilers where the sodium sulfite cannot be used.

AQUARIGHT OX 70 contains no inorganic solids, it is well suited for the treatment of steam, steam condensate and deionized 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
Content	:	34.5%
Specific gravity	:	1.02
Boiling point	:	100 – 200 °C
Solubility in water	:	Completely miscible

### TREATMENT AND DOSAGE REQUIREMENTS

AQUARIGHT OX 70 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 70 is at the deaerator discharge, this provides maximum protection for the feed water system.

AQUARIGHT OX 70 should be feed 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 70 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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