

DESCRIPTION

HYDRAZINE is a liquid compound containing catalyzed hydrazine for rapid removal of free oxygen in boiler systems.

APPLICATION

HYDRAZINE is used for rapid removal of oxygen in boiler feed water and condensate systems. *HYDRAZINE* further prevents corrosion caused by oxygen, by converting iron oxide to stable magnetite. *HYDRAZINE* may be used in all types of boilers. But it is particularly suited for use in HP system where it is more prone to oxygen corrosion.

This passivation process is also used for pretreatment of new boiler plants and for protection of idle or lay-up boilers.

DIRECTIONS FOR USE

HYDRAZINE must be added continuously by means of a dosing pump at the deareator for HP system. For LP system it can be added into the feed line. *HYDRAZINE* can be fed straight from the container or in any convenient dilution.

The amount of *HYDRAZINE* required will depend on the amount of oxygen in the feed water. The initial dose for un-treated system is 100 ml per ton of water. Maintenance dosage will be adjusted in accordance with the result obtained from the hydrazine test. Generally the daily dosage is 1 lt. for every 10 tons of water capacity.

CONTROL LIMIT

HYDRAZINE : 0.05 - 0.1 PPM

Analysis is carried out using *UNIMARINE BOILER WATER TEST SET*

NATURE OF SPECIAL RISKS AND SAFETY ADVICE

In accordance with the latest EEC Council directives this product is subjected to:

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| R20/21/22 | : Harmful by inhalation, in contact with skin and if swallowed |
| R34 | : Causes burns |
| R43 | : May cause irritation by skin contact |
| R45 | : May cause cancer |
| S2 | : Keep out of reach of children |
| S36/37/39 | : Wear suitable protective clothing, gloves and eye / face protection |
| S45 | : In case of accident or if you feel unwell, seek medical advice immediately (show the label if possible) |
| S53 | : Avoid exposure, obtain special instructions before use |



HYDRAZINE

Oxygen scavenger

- Scavenges oxygen and prevents corrosion
- Does not increase dissolved solids
- Converts iron oxide to magnetite

PRODUCT CHARACTERISTICS

Appearance:	clear liquid, slightly yellow
Corrosive action:	corrosive to aluminum and copper
Specific gravity:	1 (20°C)
pH 1% solution:	9
Flash point:	none
IMO Class:	8 / II
UN Number:	2030
ADR:	8.44b)

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