

# HIDRAZINE

## 1. DESCRIPTION

Liquid compound containing catalyzed **HIDRAZINE**.

## 2. APPLICATIONS

**HIDRAZINE** is for use in boiler feed water and condensate systems to scavenge oxygen and maintain passive metal surfaces.

**HIDRAZINE** reacts with the oxide film on steel surfaces in a boiler system to form a magnetite layer, which gives metal protection. This “passivation” technique is useful for pretreatment of new boiler plant and for protection of boilers during idle and storage periods.

**HIDRAZINE** may be used in all sizes and types of boilers but is particularly suited for use at high pressures where oxygen corrosion becomes rapid where metallic corrosion products can quickly lead to overheating and failure of generating tubes.

## 3. DIRECTIONS FOR USE

**HIDRAZINE** must be added continuously by means of a chemical pump at the earliest practicable point in the feed system e.g. the deaerator storage or condenser extraction pump discharge.

For low-pressure auxiliary boiler **HIDRAZINE** can be injected in the water feed line after recirculation point, or directly into the hot well.

**HIDRAZINE** can be fed neat or in any convenient dilution. Dilution should be carried out using condensate or deaerated water.

Dosage will be increased or reduced in accordance with result of **HIDRAZINE** test. Consult our water treatment manual.

## 4. INITIAL DOSAGE

The amount of **HIDRAZINE** required will depend on the amount of dissolved oxygen present in the feed water. Your UNI AMERICAS’ Representative will give advice on the most economical dosage for any particular application.

**HIGHLY ACTIVE OXYGEN  
SCAVENGER IN LIQUID FORM  
WHICH DOES NOT ADD  
DISSOLVED SOLIDS TO THE  
TREATED WATER**

### Product Highlights

- Scavenges oxygen and maintains passive metal surfaces.
- Gives metal protection.

### Product Characteristics

Appearance:	Clear liquid
Corrosive action:	Hidrazine
Specific gravity:	1.0(20°C)
Flash Point:	None
pH:	12

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clean chemicals clean ships clean seas

