

## PRODUCT DESCRIPTION:

AWT-41 EMINOX OXYGEN SCAVENGER is a Carbohydrazide liquid oxygen scavenger.

Can be used in boiler operating pressures up to 220 bar.

## APPLICATION:

AWT-41 EMINOX OXYGEN SCAVENGER is for use in boiler feed water and condensate systems to eliminate oxygen and maintain passive metal surfaces. AWT-41 EMINOX OXYGEN SCAVENGER 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 pre-treatment of new boiler plant and for protection of boilers during idle and storage periods.

AWT-41 EMINOX OXYGEN SCAVENGER must be added continuously by means of a chemical dosing pump at the earliest practicable point in the feed system e.g., the deaerator storage or condenser extraction pump discharge.

## DOSAGE:

Initial dosage is 0.4 ltr/ton of water. Regular treatment will depend on the amount of dissolved oxygen in the feedwater and adjust as per Carbohydrazide test result.

Chemical	Initial dosage for untreated system	Test Results (ppm)		
		<0.06	0.06 – 0.2 Satisfactory	>0.2
AWT-41 EMINOX OXYGEN SCAVENGER	0.4 ltr/ton of water	Increase dosage by 25%	Maintain current dosage	Decrease dosage by 25%

## SPECIFICATION

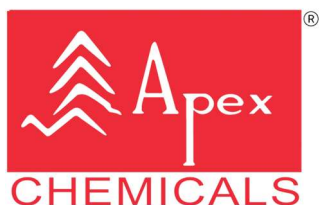
### General

Invent Hazard Material (IMO/EU) Classification: C-9

## AWT- 41

## EMINOX OXYGEN SCAVENGER

- Health safe type of oxygen scavenger for operator handling
- In liquid form and does not contribute dissolved solids in boiler water
- Provides and maintains protective layer of magnetite on steel surfaces
- Does not require special feeding equipment for safe application



### **PHYSICAL PROPERTIES**

Appearance : Clear Colourless  
Relative Density : 1.01 – 1.10  
Form : Liquid  
pH : 7.5 – 9.5

**Packaging** : Supplied in 25 litres non-returnable containers.

### **Important information:**

Apex chemicals Safety Data Sheets are available. Safety Data Sheets contain health and safety information for proper products handling procedures to protect your employees. Our Safety Data Sheets should be read and understood by all of your supervisory personnel and employees before using.

To the best of our knowledge, the information contained herein is believed to be accurate and reliable. It is the user's obligation to evaluate and use this product safely and comply with all applicable laws and regulations. The above-named supplier and its vendor make no other warranty or representations of any kind or implied, concerning the product including no implied warranty of merchantability. The product is offered solely for your consideration, investigation and verification. No license or immunity under any patents is granted or implied.