

OXYGEN SCAVENGER BOILER WATER CONTROL

DESCRIPTION

AWT-40L Boiler Water Control is a liquid oxygen scavenger based on catalyzed sodium sulphite.

AWT-40L is used to chemically deaerate boiler feedwater to prevent pitting corrosion. The catalyst present ensures rapid scavenging of the dissolved oxygen.

AWT-40L is miscible with water in all proportions.

PRODUCT FEEDRATE

AWT-40L should be fed to the storage section of the deaerating heater or to the boiler feedwater line, in direct proportion to the amount to oxygen present in the boiler feedwater. 1 ppm of dissolved oxygen requires about 8 ppm of **AWT-40L**.

The level of SO₃ is kept between 20 - 30 ppm in the boiler water.

METHOD OF FEED

AWT-40L can be fed via a proportioning pump or other proportioning feeder. **AWT-40L** 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.



SAFETY AND HANDLING INFORMATION

Protective Measures	Wear chemical resistant gloves, safety goggles and footwear. Use in adequately ventilated areas. Wash hands with water after use. Avoid breathing in vapour.
Spillage & Disposal	Spillage is slippery. Wear gloves, confine spill and stop leak at source if possible. Pump liquid back into original container. Absorb remaining liquid with inert material such as dry sand or sawdust.
<u>FIRST AID</u> Eyes	Rinse eyes with copious amount of water for at least 15 minutes. If irritation persists, seek medical advice.
Skin	Flush with large amount of water, use soap if available. Remove grossly contaminated clothing, including shoes and launder before reuse. Seek medical attention if necessary.
If Inhaled	If overcome or affected, immediately evacuate victim from exposure area, using proper respiratory protection. Administer artificial respiration if breathing has stopped. Keep at rest. Seek prompt medical attention.
If swallowed	Rinse mouth; then drink 1 or 2 large glasses of water. Do not induce vomiting. Seek prompt medical attention. Never give anything via mouth to an unconscious person.
<u>HANDLING</u> Storage & Transportation	Product should be stored and transported in original containers. Do not store near heat, sparks, flame or strong oxidizers. Store away from strong acids or foodstuff. Keep container lid tightly closed. Store in a cool and dry area, away from direct sunlight, open container slowly to control possible pressure release.
Packaging	Supplied in 25 and 200 litres non-returnable containers.

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 makes 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.

AWT-40L

Page 2 of 2



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