

EVAPORATOR TREATMENT

DESCRIPTION

AWT-440 is formulated for use in marine evaporators to prevent scale formations.

AWT-440 is a polymer based liquid additive, containing sodium polyacrylate, dispersant and defoaming agents.

AWT-440 inhibits the formation of carbonate and sulphate scale deposits. It remains stable at high temperatures and will not hydrolyze nor become ineffective.

DIRECTION FOR USE

AWT-440 Evaporator Treatment should be dosed into the sea feed-line before entering the heater.

The normal dosage rate is recommended to be 20 - 35 gm per tonne of distillate, sufficient to control most scaling problems.

Example :-

For a 50 tonne per day evaporator, use between 1.0 to 1.75 litres of **AWT-440**.

PHYSICAL AND CHEMICAL PROPERTIES

Form	:	Liquid
Colour	:	Pale amber to yellow
Specific Gravity	:	1.07
pH	:	11.5 - 12
Flash point	:	None



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. Neutralize if necessary with vinegar or other diluted acid solution.
<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 amounts 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.

