

CONDENSATE CONTROLLER

FEATURES

AWT-30 is an organic, volatile alkalization agent for medium and high pressure boiler systems.

DESIGNED FOR

Economic control of corrosion inhibitor for boiler return lines and surface condensers. This is accomplished by neutralizing the acidity in the condensate.

APPLICATION

AWT-30 is dosed into the feed water line before the feed water pump. Dosage is adjusted according to the pH readings of the condensate, Recommended initial dosage is 200 ml/tonne.

ANALYSIS

The simplest method is by means of a pH meter. The recommended pH value of condensate is between 8.3 - 9.5 unless otherwise specified by the boiler manufacturers.

CHEMICAL PROPERTIES

AWT-30 is based on cyclohexylamine as an alkaline nitrogen deviate. It is miscible with water in all proportions. The pH value of undiluted **AWT-30** is 12.7.

PHYSICAL PROPERTIES

APPEARANCE : Colourless to tan liquid
SPECIFIC GRAVITY : 0.95
FLASH POINT : 55°C (131°F)
ODOR : Slightly fishy
pH - VALUE : 10 - 11



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 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 and 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.

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