

ET 109 - EVAPORATION TREATMENT

GENERAL DESCRIPTION

A liquid polymer-based evaporator treatment designed to eliminate scale formation and control most scaling problems.

USES

ET 109 is used in both high and low pressure evaporators to prevent scale deposits. Contains anti-foaming agents which are stable and remain effective even when the evaporator is operating at high temperature. When used at higher concentration ET 109 will remove existing scale.

DOSAGE

Depending on the size and type of equipment and degree of scale, a recommended dosage of 32 gm/ton distillate is normally sufficient to control most scaling problems.

DOSING PROCEDURE

Dosing point may vary with type and make of evaporator. As a general rule ET 109 make up solution should be dosed continuously into the sea water feed-line before entering the heater.

PRODUCT SPECIFICATION

ET 109 is based on low molecular weight sodium polyacrylate which inhibits the formation of carbonate and sulphate scale deposits.

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|------------------------------|----------------------|
| Appearance | : Clear Straw liquid |
| Odour | : Mild |
| Density | : 1.06 ± 0.02 |
| pH Value | : 8.0 – 9.0 |
| Thermal Stability of Polymer | : 250 °C (482 °F) |
| Flash Point | : None |

HANDLING PRECAUTIONS

Avoid prolong contact with solution. If liquid gets into eyes, flush with copious amount of water and seek medical help. Harmful if swallowed.

PACKAGE

Supplied in 25 ltrs container.