

Water Treatment.

EVAPORATOR TREATMENT

Premium Evaporator Water Treatment for Superior Freshwater Production & Scale Control.

DESCRIPTION & APPLICATIONS:

EVAPORATOR TREATMENT is a specially formulated liquid treatment designed to prevent scale formation, control foaming, and improve the operational efficiency of marine evaporators. Its advanced formulation contains neutral acid sequestering and inhibiting agents that help maintain clean heat transfer surfaces, minimize carry-over into the distillate, and support consistent freshwater production. Safe for systems producing potable water, the treatment reduces maintenance requirements, extends equipment life, and minimizes the need for acid descaling. Suitable for both vacuum and high-pressure evaporator systems.

FEATURES & BENEFITS:

- Easy to use and simple dosage control
- Prevents scale formation and maintains evaporator efficiency
- Reduces foaming and carry-over into the distillate
- Safe for evaporators producing drinking water
- Helps eliminate the need for acid descaling
- Gradually removes existing scale deposits when required
- Maintains distillate purity and water quality
- Reduces downtime and maintenance costs
- Biodegradable formulation
- Suitable for all vacuum and high-pressure evaporators

RECOMMENDED DOSAGE:

EVAPORATOR TREATMENT should be continuously dosed into the evaporator feedwater line or directly into the evaporator shell through a suitable dosing system.
Recommended dosage: 25 ml per ton of distillate produced. For an evaporator producing 40 MT/day of distillate, approximately 1 litre per day of EVAPORATOR TREATMENT is recommended.

SHERAN CHEMICAL (UAE) |SHERAN HELLAS CHEMICAL (Greece)

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Manufacturing & Sales: Fujairah, UAE | Athens, Greece
Marine and industrial chemicals supplier worldwide.

CERTIFICATIONS & MARINE SUPPLY NETWORKS

ProcureShip PS ID: 14754

SHIPSERV TN-315946

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DOSAGE GUIDE:

Distillate Production	Treatment Required
10 MT/day	250 ml/day
20 MT/day	500 ml/day
40 MT/day	1.0 L/day
60 MT/day	1.5 L/day
100 MT/day	2.5 L/day

TYPICAL PROPERTIES:

Property	Typical Value
Appearance	Clear Amber Liquid
Odour	Mild
pH (Concentrate)	6.0 - 8.0
Specific Gravity @ 25°C	1.05 - 1.15
Solubility	Completely Miscible in Water
Biodegradability	Readily Biodegradable
Application	Marine & Industrial Evaporators

OPERATING GUIDELINES:

Parameter	Recommended Limit
Brine Density	Max. 1.5/32
Specific Gravity	Max. 1.038 g/cm³
Dosing Method	Continuous
Existing Scale	Remove before treatment

STORAGE & HANDLING:

Store tightly closed in a cool, dry, ventilated area away from heat and sunlight, following standard SDS safety guidelines.

SHELF LIFE:

24 Months from the date of manufacture when stored under recommended conditions.

STANDARD PACKAGING:

- 25 L HDPE Cans

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