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VAPTREAT 25LTR

Product group: **654** Product number: **571364**

Maximise Efficiency and Quality in Your Evaporators and Fresh Water Generators!

Vaptreat is a powerful, concentrated liquid blend of polymer and antifoam agents designed to control scale and foam in evaporators and fresh water generators. This advanced formulation ensures optimal performance and high-quality distillate production.



Product information

Why Choose Vaptreat?

Choosing Vaptreat offers several compelling benefits. It boosts efficiency by keeping your systems running smoothly and efficiently, maximizing productivity. This product ensures high-quality distillate production, meeting stringent standards of quality assurance. By reducing the frequency and cost of maintenance, Vaptreat provides significant long-term savings.

Trusted by industry professionals for its proven effectiveness and ease of use, it is certified to international drinking water standards (NSF/ANSI/CAN 60), guaranteeing quality and safety.

Features

Optimal Efficiency: Keeps heat transfer surfaces free of scale, ensuring your evaporator operates at maximum efficiency. **High-Quality Distillate:** Antifoaming properties eliminate carryover, maintaining high distillate quality. **Scale Removal:** Gradually removes existing scale when dosed at twice the normal rate. **Concentrated Formula:** Safe, easy, and economical dosing with a concentrated liquid. **User-Friendly:** Simple to control, safe to apply, and handle.

Benefits

Reduced Downtime: Minimises maintenance needs, reducing downtime and operational costs. **Enhanced Performance:** Ensures your evaporator and fresh water generator perform at their best, delivering consistent, high-quality results. **Cost-Effective:** Economical dosing and reduced maintenance lead to significant cost savings over time. **Reliable Operation:** Maintains system reliability and longevity by preventing scale and foam buildup. **Manufacturer Approved:** Approved by major diesel engine manufacturers.

Specification

General

Invent Hazard Material (IMO/EU) classification	C-11
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Physical properties

Appearance	Pale yellow
Density [g/ml]	1.03 - 1.05
Form	Liquid
pH	8.0 - 10.0

Technical data

Compatibility	HD and LD polyethylene, PVC, Polypropylene, Teflon, Buna-N, Neoprene, EPDM, Viton, Tygon
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Approvals

NSF International Certifies that this product conforms to the requirements of NSF/ANSI Standard 60 - Drinking Water Treatment Chemicals - Health Effects. Maximum use level according to NSF approval: 30 mg/lit.

Approved by The Norwegian Food Safety Authority

[NSF-Listing-23rd-Jan-2012](#)

Documents

[Direct access to the Environmental Product Declaration \(EPD\) for this product](#)

[SDoC and MD for IHM](#)

Directions for use

The specially selected polymers in NALFLEET™ Vaptreat combined with the potential scale forming salts in the brine to prevent them from adhering to heat transfer surfaces. These solids are held in suspension and removed with the evaporator brine.

The operating efficiency of the plant is maintained for maximum water production. The intervals between cleaning are greatly increased.

The product to use for acid cleaning is Descalex, which will remove old scale prior to treatment with NALFLEET™ Vaptreat.

Evaporators have a tendency to produce foam while operating - the defoaming properties of NALFLEET™ Vaptreat will stop this foaming and carry-over will be eliminated. Distilled water quality is maintained.

Dosing method

The standard dosage, applicable to the majority of systems, is 15-30 ml of NALFLEET™ Vaptreat per ton of distillate produced. This is based on the rated production capacity of the evaporator.

Example: In a 25 ton/day evaporator. Treatment used = 25 x 30 ml = 750 ml of NALFLEET™ Vaptreat per day.

Setting the Flow Rate

The treatment is added to the dosage tank and mixed with water. Example: With the 0.75 litres of NALFLEET™ Vaptreat add sufficient water to make up 50 litres of liquid.

Flow rate calculation:

Flowrate = 50 Litres/24 x 60 = 35 ml/min setting This will last 24 hours.

A metering pump can also be supplied for use with NALFLEET™ Vaptreat if required.

N.B. The brine density should not exceed 1.038 g/cm³. The scaling potential increases rapidly over this level. An increase in the amount of NALFLEET™ Vaptreat used will assist in retaining potential scale forming salts in suspension.

For example: If the density rises to 1.050 g/cm³ the dosage should be 60 ml/ton of rated capacity.

Related products

Accessories

656207

EVAPORATOR DOSING UNIT ON GRAVITY

Is accessory to

777336

AQUAGUARD CW DOSING SYSTEM

777332

AQUAGUARD BW 2 PUMP DOSING SYSTEM

Consumables

778419

POTABLE WATER TEST KIT

Is frequently bought together with

698712

OXYGEN SCAVENGER PLUS 25 LTR

698720

AUTOTREAT - 25 LTR

571356

ROCOR NB LIQUID 25 LTR

680843

COOLTREAT AL 25 LTR

777710

NALFLEET 2000 25 LTR

735977

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