

Product group: 654      Product number: 759340

NALFLEET™ MultiVap™ is a concentrated liquid blend of antiscalant and antifoam agents for controlling scale and foam in seawater evaporators. NALFLEET™ MultiVap™ has been formulated for optimum efficiency when used in large evaporators with high distillate production.



Product information

This product supersedes product no: L752006

Features

- Highly concentrated, economical and space saving for large evaporator units
- Ensures optimum efficiency by keeping heat transfer surfaces clean and free of scale
- Contains antifoam to give high distillate quality and prevent carry over
- Certified by NSF in accordance with Standard 60

Benefits

- Reduces downtime and maintenance

Specification

General

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

Appearance	Amber
Density [g/ml]	1.1
Form	Liquid
pH	8 in 1% Solution

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.

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

Documents

[SDoC and MD for IHM](#)

Directions for use

The specially selected polymers in NALFLEET™ MultiVap prevent scale formation by salts in the brine and will efficiently prevent build up of deposit on heat transfer surfaces. The solids are held in suspension and removed with the brine outlet.

NALFLEET™ MultiVap will maintain optimum operating efficiency of the plant and hence maximize water production at minimum energy consumption. The intervals between cleaning are significantly increased.

Use Unitor Descalex for acid cleaning to remove old scale prior to treatment with NALFLEET™ MultiVap.

Seawater evaporators have variable tendency to produce foam during operation. Foam formation may vary with operating conditions, i.e. seawater temperature. NALFLEET™ MultiVap is formulated with antifoam to prevent foaming problems and eliminate carry-over. If foaming should still occur, NALFLEET™ Evaporator Defoamer can be added in a premix with water and NALFLEET™ Multivap for additional foam prevention.

Dosing method

NALFLEET™ Multivap should always be dosed on continuous basis. This can be done with a dosing pump or by gravity based dosing unit controlling dosage with a flow meter. NALFLEET™ MultiVap may be diluted in water for easier controlling dosing and flow rate.

Dosage and control

Required dosage may vary slightly depending on type of evaporator in use; however 10-15ml of NALFLEET™ MultiVap per ton of distillate produced is recommended as initial dosage. The dosage recommendation is based on the rated production capacity of the evaporator.

Example: In a 500 ton/day evaporator.

Treatment used = 500 x 15ml = 7,5 l of NALFLEET™ MultiVap per day.

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Related products

Accessories

656207  
EVAPORATOR DOSING UNIT ON GRAVITY

Is accessory to

777332  
AQUAGUARD BW 2 PUMP DOSING SYSTEM  
777336  
AQUAGUARD CW DOSING SYSTEM

Consumables

778419  
POTABLE WATER TEST KIT

Is frequently bought together with

698712  
OXYGEN SCAVENGER PLUS 25 LTR  
698720  
AUTOTREAT - 25 LTR  
680843  
COOLTREAT AL 25 LTR  
777710  
NALFLEET 2000 25 LTR  
571356  
ROCOR NB LIQUID 25 LTR  
735977  
MAR-71 BIOCIDE 3X5L NOT IN USA&CAN

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