

# MULTIVAP 25LTR

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

<b>Invent Hazard Material (IMO/EU) classification</b>	C-11
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### Physical properties

<b>Appearance</b>	Amber
<b>Density [g/ml]</b>	1.1
<b>Form</b>	Liquid
<b>pH</b>	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

~~777336~~ UAGUARD  
CW DOSING  
SYSTEM

~~777332~~ UAGUARD  
BW 2 PUMP  
DOSING  
SYSTEM

#### Consumables

~~778419~~ TABLE  
WATER TEST  
KIT

#### Is frequently bought together with

~~571396~~ COR NB  
LIQUID 25 LTR

~~735977~~ R-71  
BIOCIDE 3X5L  
NOT IN  
USA&CAN

~~680843~~ TOLTREAT  
AL 25 LTR

~~698720~~ TOTREAT -  
25 LTR

~~698702~~ OXYGEN  
SCAVENGER  
PLUS 25 LTR

~~777710~~ NALFLEET  
2000 25 LTR

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