



Vaptreat

A concentrated liquid blend of polymer and antifoam agents for controlling scale and foam in evaporators.

Product Specifications

Product Number	571364
Old Product Number	
Old Product Name	
Weight	25 kg
Density	1.1
Packing, Type	PLASTIC
pH	9
Colour	PALE YELLOW
Appearance	LIQUID

Directions for use

The specially selected polymers in 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 Vaptreat.

Evaporators have a tendency to produce foam while operating - the defoaming properties of 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 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 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 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 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 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.

Features

Ensures that the evaporator works at maximum efficiency by keeping heat transfer surfaces free of scale.

The antifoaming properties ensure that distillate quality is high as carry over is eliminated.

Will gradually remove existing scale when dosed at twice the normal rate.

Reduces downtime and maintenance.

Concentrated, safe liquid, easy and economical dosing.

For use in both high pressure and vacuum evaporators.

Approved by the NSF and the Norwegian National Institute of Public Health for the use in systems where cooling water is used for heating purpose in evaporators.

Documentation and literature

MSDS Vaptreat

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