



RXSOL

CHEMO PHARMA INTERNATIONAL

Technical Data Sheet (TDS)

RXSOL-51-6001-020

Evaporator Treatment Chemical

Evaporator Treatment Liquid (RXSOL-51-6001-020)

Vapour Treatment (For controlling of Scale & Foam)

Introduction: RXSOL-51-6001-020 is a concentrated solution of a POLYELECTROLYTE polymer and antifoaming agents for use in SEA WATER evaporator as a controller of scale and foam inside the evaporators. It can be used as a scale inhibitor in the feed water to EVAPORATORS producing fresh water.

Procedure Of Use and Dose Rates: POLYELECTROLYTE polymer of RXSOL-51-6001-020 reacts with the potential scale forming salts in the water to prevent them from adhering to heat transfer surfaces. These solids are held in suspension and easily removed from the evaporator line. Finally RXSOL-51-6001-020 also has defoaming properties by which will stop foaming in EVAPORATOR. And by that way Distilled water quality is maintained inside the EVAPORATOR.

Dosage :

Daily Output Evaporator	Daily RXSOL VT 6001 Requirement
10 - 20 MT	100-200 ML
30 - 40 MT	300-400 ML
50 - 60 MT	500-600

Setting the Flow Rate: The treatment is added to the dosage tank and mixed with water. Example: With the 0.5 litres of Vaportreat add sufficient water to make up 50 litres of liquid. The standard flow meter is Adjustable-Rate=0-100ml/minute. Flow rate calculation: Flowrate = 50 Litres/24 x 60 = 35 ml/min setting i.e. This will last 24 hours.

Note: We can remove existing mineral scale deposits by using a 5-10% solution of RXSOL-51-6001-020

Characteristics		Properties
Appearance Thermal Firmness	Clear yellow liquid 25° C	By keeping heat transfer surfaces free of scale, Ensures that the evaporator works at maximum efficiency.
Density	In g/cm ³ at 15°C: 1.1	Permits more efficient evaporation.
pH (1 Vol%)	9	Reduces downtime and maintenance costs.
Compatibility		Concentrated, safe liquid, easy and economical dosing.
Metal	No known effect	For use in both high pressure and vacuum evaporators
Rubber	No known effect	The antifoaming properties ensure that distillate quality is high

Packaging	20 / 25 ltr	Improves the quality of distilled water
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