



RXSOL

CHEMO PHARMA INTERNATIONAL

Technical Data Sheet (TDS)

RXSOL-51-6001-025

Vapor Treatment

Evaporator Treatment Liquid (RXSOL-51-6001-025)

Vaptreatsol

Introduction: RXSOL-51-6001-025 is a concentrated solution of a POLYELECTROLYTE polymer and antifoaming agents for use in SEA WATER evaporator as a controller of scale and foam in side the evaporators. It can be used as a scale inhibitor in the feed water to EVAPORATORS producing fresh water .Neutral Liquid for prevention of scale in seawater Evaporators.

Procedure Of Use and Dose Rates: POLYELECTROLYTE polymer of RXSOL-51-6001-025 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 evap -orator line .Finally RXSOL-51-6001-025 also have defoaming properties by which will stop foaming in EVAPORATOR.And by that way Distilled water quality is maintained in side the EVAPORATOR.

Dosage :

Daily Out Put 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 Vaptreat 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.eThis will last 24 hours.

Note: We can remover existing mineral scale deposits by using A 5-10% solution of RXSOL-51-6001-025

Characteristics		Properties
Appearance Thermal Firmness	Clear yellow liquid 250° 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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