



Safety Way For Chemical Service and Water Treatment Systems

Sw 400(RO) Anti-Scale & Sludge Inhibitor for Reverse Osmosis & Desalination Plants

Description and Use

. SW-SI 400 is a liquid treatment based on mixture of organo-phosphonates and polyacrylate for prevention of scaling in the membrane systems of reverse osmosis units.

. SW-SI 400 is a threshold treatment, which retards the precipitation of hardness, salts thus increasing their effective solubility.

Typical Properties

Appearance.	Colorless or pale yellow liquid
S.G.	1.05-1.1
pH (as supplied)	4-11 according application
Odor	Slight
Flash point	Non-flammable

Chemical Feeding and Control

should be dosed continuously to the feed water. This product may be used alone or with partial acid dosing. The optimum dosage rate for each specified application will be determined by RESAT Egypt Co.

WATER TREATMENT. or according to the following: -

Salinity	LSI(+)	ANTIPLUSE Dose(mg/l)
Low	0.5-1.5	2 - 4
Medium	1.0-2.2	3 – 6
High	1.5-2.7	4 – 10
Seawater	+ 0.5 (S&D)	2 – 4 program.

Product Benefits

SW-SI 400 Minimizes fouling and reduces membrane cleaning requirements.

SW-SI 400 Does not form calcium phosphate sludge.

SW-SI 400 Does not contribute to biofouling.

SW-SI 400 Approved for use in reverse osmosis units producing potable water by NSF / 60

Safety and Handling

Store in cool, dry and well ventilated area. Keep containers closed. Avoid contact with eyes and skin.

Wear protective gloves and goggles at all times while handling. In case of ingestion, drink several glasses of water and get immediate medical attention. Do not induce vomiting.

Packaging

SW-SI 400 is available in 25 Kilogram non returnable plastic drums.