



Product Facts

ZION OX 1050 Anti Oxidant

GENERAL PRODUCT INFORMATION

ZION OX 1050 is commonly used for removal of free chlorine and as a biostatic, when RO/NF Membrane is used in the Process, the feed must be dechlorinated to prevent oxidation of the membrane. The first sign of Chlorine attack on RO/UF membrane is loss of membrane flux followed by an increase in membrane flus and salt passage.

In theroy 4.0mg of ZION OX 1050 will remove 1.0mg of free chlorine. However 9.0mg of ZION OX 1050 is normally used to remove 1.0mg of chlorine.

PACKAGING INFORMATION

ZION OX 1050 is available in various packages

APPLICATION AND DOSAGE LEVEL

ZION OX 1050 is an aqueous solution and is corrosive in its concentrated form. Corrossion resistant dosing equipment must therefore be used. Examples of suitable materials are PVC. glass reinforced plastic of HDPE.

Recommended injection point is into the feedwater dpwnstream of any filtration equipment and cartridge filters ZION OX 1050 is miscible with water in all proportions. It may be applied as the neat product, or as a solution in permeate water. A minimum dosing solution strength of 10% w/w is recommended. ZION OX 1050 should be dosed continuously, and propetionately to the feed water flow, to maintain the recommend dosage level.

The dosage level required is dependent on the quality of the feed water.

PACKING AND SHELF LIFE

ZION OX 1050 is available in HDPE 25kg/5kg containers. The shelf life of zion OX 1050 has been assessed at 1 year under normal storage conditions of 10-25 C

Dealer / Distributor



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