

RO Water Treatment Chemicals

Warranium Energy supply the advanced reverse osmosis (RO) chemicals, which are scientifically formulated to help optimise reverse osmosis recovery rates, improve the operational efficiency of reverse osmosis (RO) plant establishment; and reduce problems associated with scaling and corrosion and offer several key performance benefits including cost-effectivity, membrane compatibility, convenience, operational performance and environmental impact.

PRODUCTS	APPLICATIONS
Membrane Antiscalant	It uses as an antiscalant and antifoulant in membrane systems using a wide selection of brackish, high salinity, process and effluent water.
Corrosion Inhibitors	It is a liquid blend of sodium silicate and sodium hexametaphosphate for inhibiting corrosion and "red water" problems in potable water systems.
De-chlorination	It is based on sodium metabisulphite and is used for the elimination of residual chlorine prior to the reverse osmosis (RO) membrane systems.
Membrane Cleaners	Cleaning of acid insoluble sulphates of calcium, barium and strontium, as well as calcium fluoride and effective in removing iron oxides and hydroxides as well as calcium carbonate.
Biocide and Disinfectants	It is to control biofouling in the membranes to an acceptable and cost-effective level compared to cleaning program costs.
Flocculants	Combine with the ferric chloride and aluminium sulphate to enhance the removal of suspended solids during the filtration process.

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