

# PRETREATMENT PRODUCTS

Dalton Scientifics' concentrated membrane pretreatment products are dosed into the feedwater of reverse osmosis systems. There are two antiscalant products available which are matched to various feedwater conditions. We also offer a liquid antioxidant which is used to remove chlorine from the water supply prior to the membrane system.

Product	Type	Function
CPS-1200	Scale Inhibitor	CaCO <sub>3</sub> , BaSO <sub>4</sub> , CaSO <sub>4</sub> , SrSO <sub>4</sub> antiscalant
CPS-2000	Antiscalant / Dispersant	Multifunction antiscalant for CaCO <sub>3</sub> , BaSO <sub>4</sub> , CaSO <sub>4</sub> , SrSO <sub>4</sub> and dispersant for silt and metal oxides.
CPS-1052	Antioxidant	Removes chlorine as a reducing agent

CPS-1200                      Good calcium carbonate scale inhibitor. Ingredients meet certain FDA guidelines under CFR 173 & 176. Not recommended when iron is present. Contains no phosphates.

CPS-2000                      Most universal product to control hardness scaling and membrane fouling. Wide range of dispersant activity controls silt, colloidal material, metal oxides, and metal complexes. Suitable for surface or well water sources. Superior calcium carbonate inhibition under supersaturated conditions of high LSI values.

CPS-1052                      Antioxidant reducing agent is used to react with chlorine as pretreatment to reverse osmosis. This high purity liquid product meets guidelines as a food grade additive and complies with FDA regulation CFR 173.310 for potable water systems. No mixing required, may be dosed directly from the drum.



**DALTON SCIENTIFIC, INC.**

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