



PRODUCT BULLETIN

MAKS 409 SC

REVERSE OSMOSIS ANTISCALANT

GENERAL DESCRIPTION

MAKS 409 SC is a very concentrated antiscalant can be used in all reverse osmosis system.

PRODUCT BENEFITS

- Prevents formation of hardness salts and iron oxides deposits.
- Effectively controls scales including calcium carbonate, calcium sulfate, barium sulfate and strontium sulfate
- Minimizes scaling and reduces the frequency of membrane cleaning
- Super concentrated product with low dosed rate providing cost effective application
- Compatible with all membrane types
- Excellent inhibitor for high salinity and seawater applications
- Excellent inhibitor for iron & manganese fouling
- Excellent silica antiscalant
- Comply with NSF regulations up to 12 ppm
- Can be diluted up to 20 times in order to obtain regular antiscalant

DOSAGE & FEEDING

The **BIMAKS** computer software will define the optimum chemical requirement for any given water quality. While calculating dosage rates membrane manufacturer's limits, product capability, operating parameters and feedwater quality are all considered.

All calculations are made on the concentrated reject brine and utilize the predicted Langelier Saturation Index, or the Stiff and Davis Index where seawater and high salinity water is in use. Calcium, barium and strontium sulfate solubility's are also calculated as is the dose of **MAKS 409 SC**.

In all reverse osmosis systems, continuous dosing to the fed water line downstream of the cartridge filters provides maximum protection. The product should be fed by a dosing pump, preferably straight from the packaging or diluted with distilled water.

The dosage rate can vary in the range of 0.1 – 0.3 ppm according to feed water quality and operating conditions.

Your **BIMAKS** representative will recommend the optimum dosage necessary to ensure maximum program performance according to your specific system parameters.

MATERIALS: Storage tanks, piping and feeding equipment for **MAKS 409 SC** should be constructed of PE, PVC, PTFE or stainless steel (304), Plasis 4300 and Plasis 7122. Direct contact of the neat product should be avoided with brass, neoprene, Viton, Buna-N, PU, EPDM or Hypalon.

HANDLING-STORAGE-SHIPPING

As a standard precaution with all chemicals we recommend the use of personal protective equipments such as goggles and rubber gloves when handling. Consult the Material Safety Data Sheet as the only official source of Environmental and Safety information.

MAKS 409 SC can be stored for at least 24 months from date of shipping if kept in its original, unopened container and under normal warehouse conditions. Protect from freezing and from exposure to high temperature.

MAKS 409 SC is available in non-returnable containers of different sizes.

REMARKS

If you need assistance or more information on this product, please call 0 850 522 71 04. For more news about **BIMAKS** Company, visit our website at www.bimaskimya.com.tr