

Thermal Desalination Additives

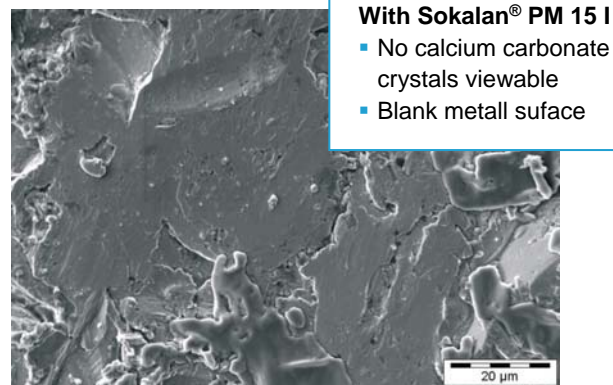
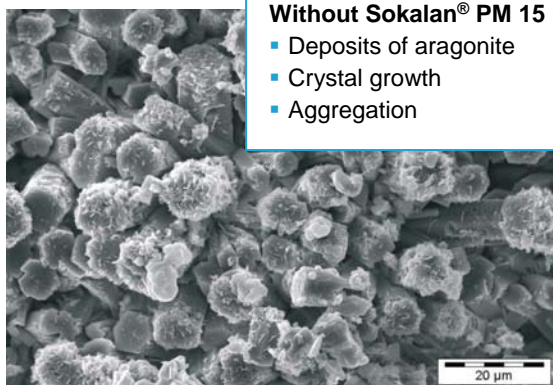
Ensure Best Operation

SCALE PREVENTION

Sokalan® PM 15 I – Antiscalant for thermal seawater desalination

In operating multi-stage flash (MSF) or multi-effect distillation (MED), scaling of heat transfer surfaces is an issue and affects the performance of the thermal desalination process. Salts of particular concern in seawater desalination are calcium carbonate (CaCO_3), magnesium hydroxide (Mg(OH)_2), and calcium sulfate (CaSO_4). In order to ensure the production of desalinated water, the dosage of the Sokalan® PM 15 I is the solution:

- Functions as well as scale control dispersant
- Outstanding scale-inhibiting performance
- Smooth operation also at high temperature
- Reduced dosage rate
- Longer operation time
- Higher output
- Reduced production cost
- NSF/ANSI 60 and KIWA certified for drinking water application



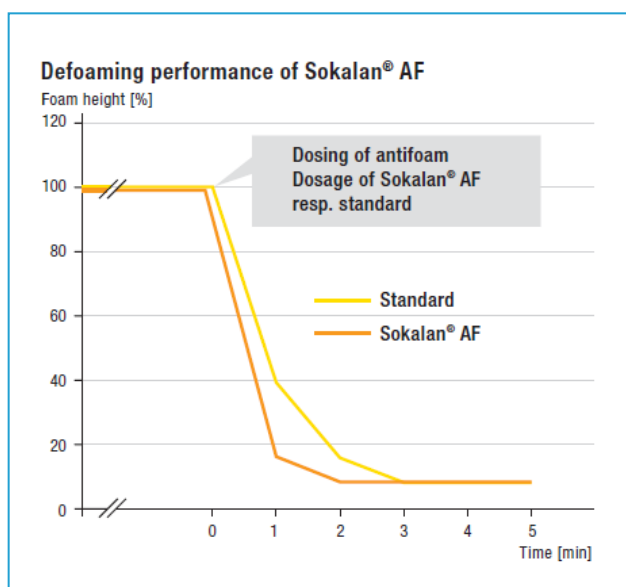
FOAM PREVENTION

Sokalan® AF – Defoamer for the broadest range of antiscalants

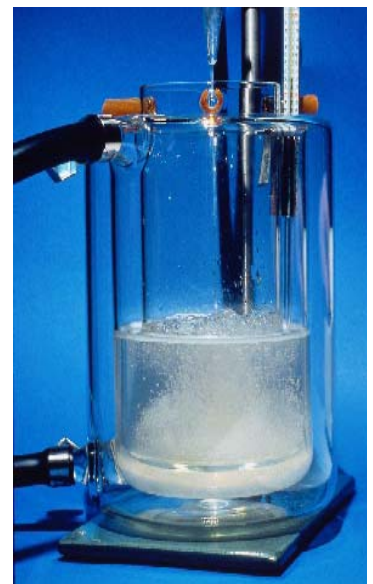
Foaming occurs quite often in a desalination process.

Sokalan® AF is a pure organic, solvent free antifoam:

- Performs at lowest dosage rates
- Excellent foam control
- Destroys foam and prevents foam formation in aqueous media
- Outstanding defoaming properties during the desalination process
- KIWA certified for drinking water application



Without Sokalan® AF



With Sokalan® AF

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