

Products of POLYGON CHEMICAL LTD.



Additives for water treatment

The product list is not complete. The statements made do not dispense the reader from verifying them.

Product names	Application	Properties
for more products see under incrustation inhibitors		
OPTIGONAL A-N	Incrustation inhibitor for CaCO_3 and Mg(OH)_2 in salt water treatment, at any temperature, and in freshwater treatment (open and closed circuits).	Simplifies the control of silicate depositions, prolongs cleaning cycles, saves cost. Good incrustation inhibitor, dispersing agent. Alternative to polycarboxylates and standard phosphonates.
OPTIGONAL A-P	For water treatment (open and closed circuits).	Good incrustation inhibitor, dispersing agent. Alternative to polycarboxylates and standard phosphonates.
OPTIGONAL O	Concentrated incrustation inhibitor for CaSO_4 , CaCO_3 , BaSO_4 and Mg(OH)_2 in reverse osmosis, and in water treatment (open and closed circuits).	Can be used at concentration of salts in water that are close to saturation. For the control of depositions of soluble and insoluble iron salts and for the dispersion of silicate depositions. Good incrustation inhibitor, dispersing agent. Alternative to polycarboxylates and standard phosphonates.
OPTIGONAL O-K	Incrustation inhibitor for CaSO_4 , CaCO_3 , BaSO_4 and Mg(OH)_2 in reverse osmosis, and in water treatment (open and closed circuits). Ready for use-formulation.	Can be used at concentration of salts in water that are close to saturation. For the control of depositions of soluble and insoluble iron salts and for the dispersion of silicate depositions. Good incrustation inhibitor, dispersing agent. Alternative to polycarboxylates and standard phosphonates.
POLYGON PC 2023	Corrosion inhibitor for steel. Suitable for open and closed circuits.	For organic, Zn-free systems. Replaces Na-molybdate and phosphonate. Frequently used together with POLYGON PC 1198.
POLYGON PC 2026	Oxygen scavenger particularly for make-up and freshwater preparation. Particularly important at higher temperatures to prevent corrosion. Alternative to sodium sulfite and hydrazine.	Non toxic, and therefore suitable in food processing, too.

see incrustation inhibitors/dispersing agents as well