



## CHEMICALS FOR WATER TREATMENT

ANTI-LEGIONELLA CHEMICALS - CHEMICALS FOR REVERSE OSMOSIS MEMBRANE TREATMENT -  
CHEMICALS FOR WATER NETWORK - CHEMICALS FOR DRINKING AND SANITARY WATER

## ANTI-LEGIONELLA CHEMICALS

### SAN100LP

### Anti-legionella treatment



#### SAN100LP

Multifunctional treatment: sanitizing-anti-encrusting-anticorrosive  
Treatment against organic proliferation and protection of sanitary water circuits, particularly indicated against Legionella Pneumophila

#### ADVANTAGES

SAN100 is a special two-component treatment, composed of Saniter LP based on stabilized hydrogen peroxide, formulated in compliance with EU Regulation 528/2012 BPR (Biocidal Products Regulation), and from Saniter 100 based on condensed inorganic food grade phosphates formulated in compliance with the decrees law N ° 31/2001 and 27/2002 which establish the quality requirements of water intended for human consumption and the DM n ° 25 of 7/02/2012 containing technical provisions concerning domestic drinking water equipment. It is used as a sanitizer in sanitary water distribution systems to inhibit bacterial growth and the formation of organic slime and at the same time protect the distribution networks from fouling and corrosive phenomena.

lo Wide spectrum of activity against bacteria, fungi, algae and reducing sulphate.

□ Relative for the elimination of all bacterial strains responsible for legionellosis.

□ Minimize the environmental impact thanks to its rapid decomposition and the safety of its final products (absence of halogen-derivatives).

Attivo Active principle of the Saniter LP approved by the guidelines for the prevention and control of Legionnaire's disease and foreseen in the PT4 (Disinfection of the production lines, transport, storage and consumption of drinking water) and PT5 (Disinfection for drinking water) of the Reg. EU 528/2012 BPR

Ita Avoid or significantly reduce the damage caused by aggressive and corrosive water by forming an iron-phosphate-calcium protective film

"Prevents the precipitation of calcium and magnesium carbonates

Attivi Food grade active ingredients

□ Requires a single dosing station

#### USE

Method: Pour the Saniter 100 component (5 Kg) inside the Saniter LP packaging (20 Kg), close the cap and shake slightly. Use the mixture directly from the packaging or transfer to the dosing tank without performing any type of dilution. Use by means of a metering pump.

Dosage: we recommend a dosage of "prevention" of 30-70 grams per cubic meter of water entering the circuit. Depending on the conformation of the plant it is possible to carry out further dosages in line in sensitive points.

The SAN100, used individually, does not present any bactericidal activity. Use it exclusively with SAN-LP in the SAN100 treatment program.

#### FEATURES

##### SAN100

Formulation: Food polyphosphates.

Appearance: colorless liquid

pH: 5.3 +/- 1.0

Density at 20 ° C: 1.21 □ 0.05 g / ml

Solubility in water: complete SAN-LP

Formulation: hydrogen peroxide in stabilized aqueous solution.

Appearance: colorless liquid

pH: <5

Density at 20 ° C: 1.10 □ 0.10 g / ml

Item-Nr:	Description:
PCSAN100F005	Chemical compound for anti-legionella treatment - SAN100 Food polyphosphates.
PCSANLP0F020	Chemical compound for anti-legionella treatment SAN-LP hydrogen peroxide in stabilized aqueous solution.

## CHEMICALS FOR REVERSE OSMOSIS MEMBRANE TREATMENT

### OSMOCLEAN

#### Osmoclean - Membrane rinse and biofilm removal



Osmoclean 310 Membranes washing-Scaling deposits removal .It is particularly suitable to remove scaling deposits due to calcium carbonates and iron oxides from reverse osmosis equipments.Quick removal of a wide range of precipitates and deposits.It does not contain corrosion inhibitors that may pollute membranes.Extreme pureness of the products.It does not contain chlorides, sulphates, nitrates and phosphates.

Osmoclean 320 Membranes washing-Organic substances and biofilm removalIt is particularly recommended to remove organic substances and biofilms from membranes of reverse osmosis equipment.Very strong detergent and degreasing power.Strong emulsion of oils and greases, stability of the suspension formed.Superficial tension reduction in strong alkaline environment.Slightly foamy.The product is liquid, thus easier to use.

Osmoclean 380 Membranes preservative-Reverse osmosis equipment protection during the stops.It is a special liquid formulate, slightly acid, studied for the preservation of reverse osmosis equipment membranes, which can be out of work for long periods.It avoids the growth of micro-organisms, algae and larvae of marine organisms.It removes the calcium carbonate and the iron oxides. It is compatible with the membranes of reverse osmosis equipment.It protects the metals against corrosion.

Item-Nr:	Description:
PCROCL310	Osmoclean 310- Reverse Osmosis Membranes washing -Scaling deposits removal
PCROCL320	Osmoclean 320- Membranes washing -Organic substances and biofilm removal
PCROCL380	Osmoclean 380 - Membranes preservative -RO equipment protection during the stops

## OSMOTROL- ANTISCALANTE

### Osmotrol - Antiscalant for RO membranes



Osmotrol 700 Antiscalant for membranes Reverse osmosis equipment protection against scales and iron deposits. Osmotrol 710 Antiscalant for membranes Reverse osmosis equipment protection against scales and iron deposits (Foodgrade certification). These products are made to avoid reverse osmosis and micro filtration equipments fouling. □Extremely effective on different kinds of water. □It reduces fouling, consequently membranes need to be cleaned less frequently □It replaces, totally or partially, acidification.

□Compatible with every kind of membranes.

□It is liquid, consequently easier to use.

Formulation: special phosphonates

Aspect: light yellow liquid

Control:phosphonates content

pH:7,5 □ 0,5

Density at 20 °C:1,30 □ 0,02 g/ml

Water solubility:complete

Item-Nr:	Description:
PCROAS700	Osmotrol 700 - Antiscalant for RO membranes
PCROAS710	Osmotrol 710 - Antiscalant for RO membranes
PCROAS750	Osmotrol 750 - Antiscalant for RO membranes

## CHEMICALS FOR WATER NETWORK

### PROTSOL- Antincrostante/Disperdente

#### Protsol-Antiscalant/Dispersant for water network



Protsol 8300 Antiscalant-Opened and semi-opened cooling circuits protection- Protsol 8300 is a product mainly studied for the treatment of scales concerning circuits.

- Its very strong stabilizing effect allows delaying the crystallization threshold of hardness salts.
- Very strong dispersing action, it is effective even if the dosage is low.
- Corrosive phenomena inhibition.
- Circuits' properties and heat exchange ability remain the same.
- Perfect heat stability; no hydrolysis.
- Every component of Protsol 8300 is stable to chlorine.

Protsol 8500 Antiscalant-dispersant Industrial cooling systems protection Protsol 8500 is a product made to treat those circuits in which scales and deposits represent the main problem.

- It has an excellent stabilizing effect that allows to reduce the crystallization point of hardness salts and to disperse other components.
- The product has a very strong dispersing effect towards any substance that may create deposits
- It inhibits corrosion phenomena
- It keeps unchanged circuits' properties and heat exchange capacity
- It is stable even under very high temperatures, under pressure and for long cycle periods
- All its components are stable to chlorine.

Item-Nr:	Description:
PCROPR8300	Protsol 8300 - Antiscalant -Opened and semi-opened cooling circuits protection
PCROPR8500	Protsol 8500 - Antiscalant-dispersant -Industrial cooling systems protection

## CHEMICALS FOR DRINKING AND SANITARY WATER

### POLYPHOS- Antincrostante/Anticorrosiv o

**Protsol-Antiscalant/Anti-corrosion for drinking and sanitary waters**



Item-Nr:	Description:
PCPFLQCL050	Polyphos CL - Antiscalant liquid polyphosphate for water from >10°F
PCPFLQCLS100	Polyphos CLS - Anti-corrosion/antiscalant liquid polyphosphate for sanitary water from 0 to 10°F
PCPFLQLS050	Polyphos CLC 30/50 g/m3 - Antiscalant liquid polyphosphate for water above 20°F