

### TECHNICAL DATA SHEET

#### DESCRIPTION

Scale inhibitor MECSOSCALE-505 is innovative antiscalant for treatment of feed water on any industrial water supply systems, in water circulation cycles and for the preparation of feed water of low-pressure steam boilers. Provides an increased turnaround period for reverse osmosis membranes. Compatible and safe in contact with carbon steels and copper alloys.

#### COMPOSITION

Aqueous solution of organic and inorganic phosphorus-containing acids and corrosion inhibitors.

#### TECHNICAL PROPERTIES

The typical properties of MECSOSCALE-505 are listed in below table.

APPEARANCE	Clear liquid from colorless to light yellow
SPECIFIC GRAVITY, kg/m <sup>3</sup>	1180 - 1250
FLASH POINT, °C	Non-applicable
pH	> 3,0

#### APPLICATION

- When washing of Reverse Osmosis Units It is necessary to follow all the recommendations of membrane manufacturers regarding pH, temperature and contact time with the washing solution.
- The concentration of the MECSOSCALE-505 in the circulation water or in washing solution can be in the range of 5 – 20 ppm.
- Treatment of circulating water cooling systems with MECSOSCALE-505 must be carried out in accordance with a developed program, unique for each water cooling system.

#### PACKAGING AND STORAGE

Products are stored in well-ventilated closed warehouses or under a cover, away from heating devices. It is stored packed or in stationary chemically protected containers.

The guaranteed shelf life is 24 months.

#### SAFETY PRECAUTIONS

- Avoid contact of the product with skin and do not inhale vapors, Use protective gloves and goggles. If the product comes into contact with the skin, it must be washed off with plenty of water.
- Reagents in contact with the mucous membrane of the eyes and the skin causes their irritation.
- In case of contact with the mucous membrane of the eyes, rinse with plenty of water.