

TECHNICAL DATA SHEET

DESCRIPTION

BIODISPERSANT MECSOTREAT-580A is innovative composition for acid washing of reverse osmosis unit's membranes from inorganic salts and iron-containing deposits. It is safe for all types of membranes. Its use prolongs the service life of membrane elements, reduces the frequency and duration of flushing procedures and provides more reliable and efficient filtration of water in reverse osmosis systems.

COMPOSITION

Aqueous mixture composed of inhibited acidic additives and organophosphates compounds.

TECHNICAL PROPERTIES

The typical properties of MECSOTREAT-580A are listed in below table.

APPEARANCE	Clear liquid from colorless to light yellow
SPECIFIC GRAVITY, kg/m ³	1100 - 1200
FLASH POINT, °C	Non-applicable
pH	> 3,0

APPLICATION

- The concentration of the MECSOTREAT-580A in the washing solution can be in the range of 1,0-3,0%, pH in the range of 2.0-3.0 and temperature up to 40°C.
- All dosing equipment must be made of stainless steel, PP, PVC or PTFE.
- It is necessary to follow all the recommendations of membrane manufacturers regarding pH, temperature and contact time with the washing solution.

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.