

TECHNICAL DATA SHEET

DESCRIPTION

BIODISPERSANT MECSOTREAT-581H is innovative low-toxic composition for alkaline washing of reverse osmosis unit's membranes to remove deposits caused by organic impurities, oils, petroleum products, as well as for cleaning from biofilms. 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 alkaline solution with low-toxic polyguanidine salts.

TECHNICAL PROPERTIES

The typical properties of MECSOTREAT-581H are listed in below table.

APPEARANCE	Clear liquid from colorless to light yellow
SPECIFIC GRAVITY, kg/m ³	1050 - 1150
FLASH POINT, °C	-
pH	11 - 12

APPLICATION

- The typical dosage of the MECSOTREAT-581H corresponds to its dilution to 5-10% of the total volume of the system.
- All dosing equipment must be made of alkali-resistant materials (stainless steel, PP, PVC or PTFE).
- It is necessary to follow all the recommendations of membrane manufacturers regarding pH, temperature, flow rate and pressure drop.

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.
- In case of leakage of the product, it is necessary to collect it with an inert material and sweep it away.
- 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.