

TECHNICAL DATA SHEET

DESCRIPTION

Biocide MECSOCIDE-501A is innovative non-oxidizing biocide for combating biofouling in various industrial water supply systems and in water circulation cycles. It provides significant advantages in suppressing the biological activity of bacteria, microorganisms, including algae, in circulating water. Also very effective when washing reverse osmosis units, increases the turnaround period of membrane operation.

COMPOSITION

Aqueous solution based on ethoxiquine (6-ethoxy-1,2-dihydro-2,2,4-trimethyl-quinoline) with biocidal properties.

TECHNICAL PROPERTIES

The typical properties of MECSOCIDE-501A are listed in below table.

APPEARANCE	Clear liquid from light yellow to brown
SPECIFIC GRAVITY, kg/m ³	950 - 1050
FLASH POINT, °C	Non-applicable
Kinematic viscosity at 20 °C, mm ² /s	0,99

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 MECSOCIDE-501A in the circulation water or in washing solution can be in the range of 5 – 20 ppm.
- Treatment of circulating water cooling systems with MECSOCIDE-501A must be carried out in accordance with a developed program, unique for each water cooling system.

PACKAGING AND STORAGE

MECSOCIDE-501A 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.