



MIDA MEMCARE 510

Acid descaling detergent for UF, NF and RO membranes

DESCRIPTION AND APPLICATION

MIDA MEMCARE 510 is an acid descaling detergent, low foaming and highly effective for the cleaning of UF, NF and RO membranes

MIDA MEMCARE 510 can be applied for the removal of proteins and calcium deposits in all sectors of the food and pharmaceutical industries and is particularly suitable for the removal of milk stone from the membranes used in the dairy industry.

MIDA MEMCARE 510 contains a combination of nitric and phosphoric acid, and is therefore not recommended for the treatment of MF membranes made of ceramic.

INSTRUCTIONS OF USE

MIDA MEMCARE 510 is used at a concentration comprised between 0,5% and 1% (w/w) and a temperature comprised between 50°C and 60°C during 15 - 30 minutes

The above parameters may vary depending on the type and degree of soiling and the values tolerated by the membranes.

MIDA MEMCARE 510 should be thoroughly rinsed after use to eliminate any possible residue from all surfaces in contact with food and drink

PRODUCT CHARACTERISTICS

Main ingredients	Nitric acid, phosphoric acid
Visual aspect	Clear liquid
Colour	Colourless
Odour	Pungent
pH (1% at 20 °C)	1.0 – 1.5
Specific weight (at 20°C)	± 1.25 g/mL

The values provided in the table do not constitute technical specifications.

MATERIAL COMPATIBILITY

MIDA MEMCARE 510 when applied at the recommended concentrations and temperatures, is compatible with all types of materials commonly used in the food industry, with the exception of aluminium, galvanized iron, copper and its alloys.

If uncertain, it is recommended to assess each individual material component individually before extended contact.

ENVIRONMENT

MIDA MEMCARE 510 does not contain any chlorine and hence there is no risk of the formation of organic absorbable halogens (AOX).

MIDA MEMCARE 510 complies with the European Union directive EU648/2004.

SAFETY

MIDA MEMCARE 510 is classified as corrosive.

Hazard classification (CLP): H290 – May be corrosive to metals
 H314 – Causes severe skin burns and eye damage
 H331 – Toxic if inhaled

Do not mix with alkali or any other product.

Please consult the MSDS and follow the guidance for handling and disposal.

STABILITY AND STORAGE

Store the product sealed in its original packaging between 5 and 35°C and prevent any leakage of product.

Do not expose to direct sunlight.

More detailed recommendations are available in the Safety section 7

PACKAGING

MIDA MEMCARE 510 can be available in CAN, DRUM and IBC.