

aquatreat®

Fine chemicals for water treatment

Industrial zone B 122 - Nieuwlandlaan 40/42
B-3200 Aarschot – BELGIUM
Tel. +32.16.56.21.21
E-mail: aquatreat@aquatreat.be
Website URL: <http://www.aquatreat.be>

aquatreat® 859

Last revision : 10.10.2016

Data sheet

DESCRIPTION

- AQUATREAT 859 is a strong alkaline liquid that can be used to efficiently remove inorganic and organic deposits in only one cleaning-step!
- AQUATREAT 859 is used to clean membranes of reverse osmosis, ultrafiltration, nanofiltration and microfiltration.
- AQUATREAT 859 is also used to clean heat-exchangers, piping and vessels from hardness scales, rust and organic fouling (biofilm).
- AQUATREAT 859 can be used in the presence of all metals except galvanised steel, aluminium, zinc or one of their alloys.
- AQUATREAT 859 is 100% food graded!

PROPERTIES

Appearance	: colourless liquid
Solubility in water	: infinite
pH	: > 11
Density	: 1,19 ± 0,02

CLEANING PROCEDURE

1. The CIP-tank, with a content of 5 to 10 times the content of the installation, is filled with permeate or softened water.
2. Add between 2 and 5% of AQUATREAT 859 on the total volume of permeate in the CIP tank.
3. This solution is recirculated over the membrane with a CIP-pump for 4 to 8 hours, initially a moderate to strong foam formation will appear (depends on the organic foulants).
4. Drain the solution and eventually neutralise with an acid (till pH +/- 7-8) before discharge.
5. Rinse the membrane with permeate for 30 minutes.
6. Restart RO and evaluate the CIP

PACKAGING

Polyethylene drums of 22 or 220 litres, containers of 1000 litres.

HANDLING

AQUATREAT 859 is a strong alkaline product and so corrosive. For further information, please consult the material safety data sheet.