

SurTec® 943

Membrane Cleaner

Properties

- liquid
- alkaline
- free of silicates
- suited for micro and ultra filtration membranes
- suitable for all types of membranes

Application

SurTec 943 is used for cleaning of micro- and ultrafiltration membranes at decreasing power of the membranes.

make-up value: 3 %vol (1-5 %vol)

temperature: room temperature - 90°C

application time: according to requirements

Technical Specification

(at 20°C)	Appearance	Density (g/ml)	pH-value (at 20 g/l)
SurTec 943	liquid, light yellow to dark orange	1.235 (1.21-1.26)	approx. 12

Maintenance and Analysis

Analyse and adjust the concentration of SurTec 943 regularly.

Sample Preparation

Take a sample at a homogeneously mixed position. Let it cool down to room temperature. If the sample is turbid, let the turbidity settle down and decant or filter the solution.

SurTec 943 – Analysis by Titration

reagents: 0.1 N hydrochloric or sulfuric acid
indicator: methyl orange solution (0.04 %)

procedure: 1. Pipette 10 ml bath sample into a 250 ml Erlenmeyer flask.
2. Dilute to approx. 100 ml with deionised water.
3. Add 3 drops of indicator.
4. Titrate with 0.1 N acid from yellow to red.

calculation: consumption in ml · 0.38 = %vol SurTec 943

