



Chemipro Acid

Description :

Liquid, acidic, surfactant-based cleaning product for membrane filtration systems.

Properties and applications :

- Suitable for the entire food industry; beverages and biotechnology sector
- Excellent elimination of fats and mineral oils thanks to a unique combination of organic acids and surfactants;
- Efficient removal of inorganic deposits;
- Effective and prolonged microbial action;
- Suitable for cleaning micro and ultrafiltration and reverse osmosis installations;
- Scope of application :
 - the dairy industry and the beverage sector
 - biotechnology
 - water and wastewater treatment
 - the pharmaceutical industry.

Product features :

Basic components: organic acids, wetting agents and emulsifiers

Density: 1.07 kg/l

Colour/Appearance: clear, colourless liquid

Storage stability: -5°C to 30°C

Solubility at 20°C: miscible with water in all proportions

pH1% (20°C): approx. 3

P content: 0% P content

N content: 0% N content

COD value: approx. 283 mg O₂/g product

Material resistance :

- membranes made of different materials
- common membranes made of polysulfone, cellulose, cellulose acetate, polypropylene, polyamide, alpha-aluminum oxide, zirconium dioxide, polyacryl nitrite, nylon, polyvinyl difluoride, and polyamides.
- metals: suitable for chromium-nickel steel

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Instructions for use:

- The membranes must first be pre-rinse properly at a maximum temperature of 85°C before being cleaned with Chemipro Acid at a concentration of 0.5 -1.5%.
- In some cases, the concentration and/or temperature may be increased.
Post-rinse all treated surfaces with water to remove any traces of réidus.
- The indicated concentrations, contact times and temperatures are based on the technology in general.
Perincipate at a maximum temperature of 75°C before using Chemipro Acid, at a concentration of at least 1%.
- In general, it is recommended to comply with the limits set by the membrane and module manufacturer for pH and temperature values.
- Any deviation from these standards requires prior technical consultation
- A general data sheet on mechanical aspects as well as pressure and flow conditions is supplied with the product.

Safety aspects :

The safety information is included in the product's safety data sheet. Always wear protective clothing and eye and face protection when handling products.

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