



Divos[®] 124

VM5

Alkaline Detergent for High pH Tolerant UF & MF Membranes

Description

Divos[®] 124 cleaner is a foaming, alkaline detergent for the removal of organic and inorganic soils from microfiltration (MF) and high pH tolerant ultrafiltration (UF) membranes. It is hard water tolerant and approved for use on MF and high pH tolerant UF membranes. This product is highly effective for cleaning membranes and can also be used across a wide range of other food, beverage and pharmaceutical applications.

Effective

- Highly effective in the removing organic and inorganic soils, increasing permeation rates and returning water fluxes to original values
- Enhances cleaning efficacy, improving productivity and final product quality

Versatile

- Tested on relevant chlorine stable UF and MF membrane types and approved for use by major original equipment manufacturers (OEMs)
- For use in dairy applications where fat, protein and milkstone are problems, increasing permeation rates, recovering water fluxes and maintaining optimum production capacity
- For use in food, beverage and pharmaceutical applications where organic and inorganic soiling is a problem, increasing permeation rates, recovering water fluxes and maintaining optimum processing efficiency

Cost-Effective

- Gives cost-effective cleaning performance

Discussion

Divos[®] 124 cleaner is a high caustic liquid detergent suitable for hard water and safe for use on MF and high pH tolerant UF membranes. It has been tested on relevant UF and MF membrane types and is efficient in cleaning MF and high pH tolerant UF membranes back to their original water flux values. This product is highly effective in the removal of fat, protein or other organic soils, as well as organic and inorganic scaling.



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Use Instructions

Use at concentrations of 0.5–5 % (v/v) at 50–75°C (122–167°F) for 30–45 minutes on high pH tolerant UF and MF membranes. The temperature and pH that is used depends upon the cleaning temperature and pH tolerance of the membrane.

All surfaces subject to direct food contact must be thoroughly rinsed with potable water after treatment with this product.

Technical data

Certification	Acceptable for use in food processing facilities
Form/Color	Clear to light yellow liquid
Scent	No fragrance added
Specific Gravity	1.42
pH (1%)	12.6
% P	0.0
% Free Alkalinity (Na ₂ O)	20.34
% Total Alkalinity (Na ₂ O)	21.20

The above data is typical of normal production and should not be taken as a specification.

Safe handling and storage information

Store in original closed containers, away from extreme temperatures. Full guidance on the handling and disposal of this product is provided in a separate Material Safety Data Sheet.

Product compatibility

Always ensure to check the membrane type, temperature and pH tolerance with the customer, membrane manufacturer, or OEM before making any recommendations.

Test Kit

Alkaline Test Kit # 409224 or 409239

Precautionary Statement

Refer to current Material Safety Data Sheet.