



Divos[®] ADD 3

VM16

Detergency Booster for Fat Removal from all Membranes

Description

Divos[®] ADD 3 solution is a foaming, acidic surfactant-based liquid additive for the removal of fat and other organic soiling from all types of membranes. It is always added to other alkaline Divos[®] products. In combination with other Divos[®] products, it is used for a wide range of membrane cleaning applications to improve cleaning efficiency for organic soil removal.

Effective

- When used in conjunction with all alkaline Divos[®] products where fat, protein or other organic soiling is a problem, it increases permeation rates and recovers water fluxes maintaining optimum production capacity
- A versatile additive to alkaline Divos[®] products, which boosts organic soil removal from all non-chlorine stable membrane types, increasing permeability through the membranes

Versatile

- Tested on all relevant membrane types and approved for use by major original equipment manufacturers (OEMs)
- Highly effective with Divos[®] 110 alkaline detergent for microfiltration (MF) membranes, chlorine-stable ultrafiltration (UF) membranes and high temperature tolerant UF membranes, improving detergency and recovering water fluxes

Cost-Effective

- Gives cost-effective cleaning performance
- Increases permeation rates and recovers water fluxes maintaining optimum production capacity
- Increases cleaning efficiency, reducing cleaning times and increasing production capacity

Discussion

Divos[®] ADD 3 additive has been tested and approved for use on all relevant membrane types. It is used in conjunction with all alkaline Divos[®] products where fat, protein or other organic soiling is a problem, increasing permeation rates and recovering water fluxes. This product is used for all chlorine stable membrane types with Divos[®] 110, Divos[®] 116 and Divos[®] 120CL alkaline detergents to improve detergency. It is highly effective with Divos[®] 110 for MF membranes, chlorine stable UF membranes and high temperature tolerant UF membranes, to improve detergency. This product is highly effective with Divos[®] 116 alkaline detergent for RO and NF membranes in dairy applications where fat is a problem.



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Use Instructions

When adding/dosing Divos[®] ADD 3 additive, do it very slowly, so that the alkaline Divos[®] product can neutralize the Divos[®] ADD 3 additive, preventing the surfactant from precipitating on the membrane surface. Use this product at concentrations of 0.03-0.05 % (v/v) in combination with Divos[®] 116 alkaline detergent on NF and RO membranes. Use this product at concentrations of 0.03-0.1 % (v/v) in combination with Divos[®] 110 alkaline detergent on UF and MF membranes.

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

Technical data

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| Certification | Acceptable for use in food processing facilities |
| Form/Color | Clear amber liquid |
| Scent | Hydrocarbon |
| Specific Gravity | 1.03 |
| pH (1%) | 2.3 |
| % P | 0.0 |
| % Total Acidity (H ₃ PO ₄) | 3.2 |

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 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

No test kit needed

Precautionary Statement

Refer to current Safety Data Sheet.