



Ultrasil[®] MP

PRODUCT DESCRIPTION

Ultrasil[®] MP is a liquid membrane soak and preservative specifically designed for reverse osmosis, nanofiltration, ultrafiltration and microfiltration membranes.

BENEFITS

Saves Time

- ▲ Liquid formula allows for automatic dispensing and control. This reduces over-usage and saves employee time.
- ▲ Helps prolong membrane life, reducing expensive membrane replacement costs.
- ▲ Excellent removal of fat and mineral oil as well as inorganic soil
- ▲ Formulation allows for extended soak treatments which restore membrane efficiencies.
- ▲ Built formula provides quicker rinsing which reduces cleaning times.

Convenient and Safer to Use

- ▲ Liquid formula reduces employee handling concerns normally associated with powdered products.
- ▲ Formula is safe for most membrane applications.

Environmental Implications

- ▲ Nitrogen-free
- ▲ Phosphorus-free

Ultrasil® MP

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|-------------------|---------------------------------|-----------|-------------------------------------|----------------|
| PROPERTIES | Form | liquid | Pounds per gallon | 8.86 (4.02 kg) |
| | Color | light tan | 100% solution pH | 1.8 |
| | Odor | faint | pH 1% solution | 2.3 |
| | Foam | high | % Acidity as hydrogen peroxide..... | 12.9 |
| | Spec. Grav. @ 68°F (20°C) | 1.064 | | |

Formula ingredients contain no phosphorus.

DIRECTIONS FOR USE Typical use concentration is 0.5 - 1.0%, depending upon conditions. Make sure that all detergents are completely flushed out of the system before adding Ultrasil MP. Circulate for at least 10 - 15 minutes and allow to soak as required. After using this product membrane surfaces must be thoroughly rinsed with potable water.

For long-term storage, recommended concentration is 1.5%. Maintain Ultrasil MP solution in the membrane element housings to assure proper return of functionality.

NOTE: Observe the recommendations of the membrane manufacturers for maximum temperature, pH, and time limits.

Consult your Ecolab Representative for specific use instructions and recommended dispensing equipment.

For cautionary and first aid information, consult the Material Safety Data Sheet (MSDS) or product label.

STATEMENT OF ASSURANCE This product is effective under the intended conditions of use as outlined on the product label or specified in a Sanitation Standard Operating Procedure (SSOP).

A Letter of Guaranty as indicated in USDA's Sanitation Performance Guideline is available from your Ecolab representative.

ECOLAB SUSTAINABILITY POLICY We have a commitment to our customers to provide effective programs that help protect the health and safety of their customers and employees. We will sell products or services that maximize performance, limit total environmental impact, and are safe as our customers commonly use them. We will inform our customers of the environmental impacts of our products or services, and of their correct use.

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