



Ultrasil™ 75

PRODUCT DESCRIPTION

Ultrasil™ 75 is a highly acidic liquid cleaner designed specifically to provide excellent cleaning of reverse osmosis, nanofiltration, ultrafiltration and microfiltration membrane systems which are acid tolerant.

BENEFITS

Maintains Production Capacity

- ▲ Special blend of mineral acids for rapid removal of mineral scale.
- ▲ Non-foaming formulation for superior circulation cleaning and rinsing.

Saves Labor and Time

- ▲ Easily dispensed liquid formulation.
- ▲ Non-foaming formulation speeds cleaning time.

Helps Reduce Cleaning Costs

- ▲ Economical use cost at recommended use dilution.

PROPERTIES

Form.....	clear liquid	Acidity as phosphoric acid	47.0%
Color.....	colorless	Pounds per gallon	11.29 (5.12 kg)
Foam	none	pH 0.2% solution (in DI water).....	1.8
Spec. Grav. @ 68°F (20°C)	1.355	pH 0.3% solution (in DI water).....	1.6
		pH 0.5% solution (in DI water).....	1.5

Formula ingredients contain not more than 7.6% phosphorus, 1.2 g/US gal. (0.3 g/L) of average recommended use concentration.

DIRECTIONS FOR USE

Ultrasil 75 is designed for use in closed circuit units that have membranes that are acid tolerant, and should only be used in stainless steel equipment and piping which is equipped with acid resistant pumps.

Typical Use Conditions

<u>Membrane Type</u>	<u>Dosage</u>	<u>Temperature</u>	<u>Time</u>
RO/NF	0.3%	~115° F/46°C	20-30 minutes
UF/MF	0.3%	~120° F/49°C	20-30 minutes

NOTE: Follow the recommendations of the membrane manufacturers for maximum temperature, pH, and time limits. Not for use with ceramic membranes.

Avoid food contamination during application and storage. Do not store in food processing areas.

Rinse surfaces thoroughly with potable water after use.

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

For cautionary and first aid information, consult the Safety Data Sheet (SDS) 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). This product will not adulterate food product provided that before using it, food products and packaging materials are removed from the room or carefully protected and after using these compounds, surfaces are thoroughly rinsed with potable water.

A Letter of Guaranty is available from your Ecolab representative.

Ultrasil 75 is registered for use in federally-inspected food establishments in Canada provided it is in keeping with the instructions outlined on the labels.

WORLDWIDE HEADQUARTERS

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