

ULTRASIL™ 25

PRODUCT DESCRIPTION

ULTRASIL 25 is a liquid, chlorinated detergent developed specifically for cleaning chlorine resistant reverse osmosis and ultrafiltration membranes.

BENEFITS

Maintains Production Capacity

- Unique blend of alkalinity, chlorine and builders removes fouling agents from chlorine tolerant RO and UF membranes
- Maintains membrane flux rates while promoting membrane life
- Superior formulation helps provide quick soil penetration and effective removal of protein soil
- Non-foaming, free rinsing formulation for superior cleaning and rinsing

Saves Labor and Time

- One step circulation cleaner—no chlorine or water conditioning additives required in most applications
- Rinses quickly and completely to reduce cleaning time

Reduces Cost

- Economical use cost at recommended use dilutions
- No additional water conditioning additives required in most applications

ULTRASIL™ 25

PROPERTIES

Form.....	liquid	Alkalinity:	
Color.....	light yellow	Active as Na ₂ O.....	13.2%
Foam.....	none	Total as Na ₂ O.....	15.0%
Odor.....	chlorine	pH 1% solution.....	12.5
Specific gravity @ 68°F.....	1.250	Pounds per gallon.....	10.4
Available chlorine.....	2.6%	Kilograms per liter.....	1.2

Formula contains not more than 0.5% phosphorus, 0.18 gms. per gal. average recommended use concentration.

TO USE

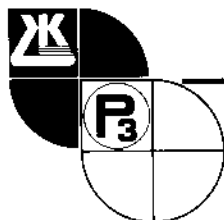
For normal CIP cleaning of RO/UF membrane systems, prepare a 0.5–1.0% solution or 7–13 ounces ULTRASIL 25 for each 10 gallons (55–102 mls/10 l) of water. Circulate throughout the system for 20 minutes at a temperature of 120°–140°F. (49°–60°C). Note: observe the recommendations of the manufacturer of the membrane material for maximum temperature.

Consult your Klenzade 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.

AUTHORIZATION

ULTRASIL 25 is authorized by the U.S. Department of Agriculture for use in Federally inspected meat and poultry plants as a cleaner for reverse osmosis and ultrafiltration membranes. ULTRASIL 25 must be used in a manner which prevents direct or indirect contamination of edible products.



Manufactured by Klenzade, Division of Ecolab Inc.,
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