Lavasol™ 8 is an aggressive high pH (alkaline) liquid micro/ultrafiltration membrane cleaner, combining select dispersants, oxidants, and builders which are effective on a wide range of foulants. Formulated to target organic, microbiological, particulate and other acid insoluble foulants, Lavasol™ 8 helps optimize membrane filtration module cleaning. Ideal for municipal reuse, surface water, and other high loading applications, Lavasol™ 8 can improve CEB and CIP effectiveness.

Features / Benefits

- Concentrated alkaline cleaner effective on a wide range of organic foulants
- Buffered pH to maintain optimum cleaning performance throughout cleaning cycle
- Liquid cleaner easily diluted to application strength
- Optimal results when used in a program that includes Lavasol™1 or OptiClean™ A

Uses

- Only for use on ultrafiltration (UF) and micro-filtration (MF) membranes
- Formulated to dissolve organic foulants from the membrane surface
- Effective in removing biological slime and bacterial byproduct
- Can be implemented in a chemically enhanced backwash process to increase system run times

Specifications

Appearance	Pale yellow liquid
pH (2% solution)	12.00 – 13.00
Density (kg/liter)	1.20 – 1.30

Packaging

Pail: 5 gallon/18.9 liter

Drum: 55 gallon/208 liter

Tote: 275 gallon/1,040 liter

For special packaging options, please contact PWT or your local distributor.

Lavasol™ 8

LIQUID MEMBRANE CLEANER

Lavasol™ 8

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General Mixing & Application Instructions for Lavasol™ 8

1. For optimum performance, fill the cleaning tank with RO permeate or demineralized water. If neither of these sources is available. softened water may be used. The volume of water required for cleaning is typically equal to the hold-up volume of the system.
2. Heat the water to the maximum temperature permitted by the MF/UF module manufacturer, typically around 104° F (40° C)
3. Add Lavasol™ 8 to the tank at 1 gallon per 50 gallons dilution water. Thoroughly mix the cleaner. The expected pH is 12.0-12.5 at 77° F (25° C)
4. Recirculate the solution as per the MF/UF module manufacturer recommended procedures
5. Flush the system with MF/UF filtrate.

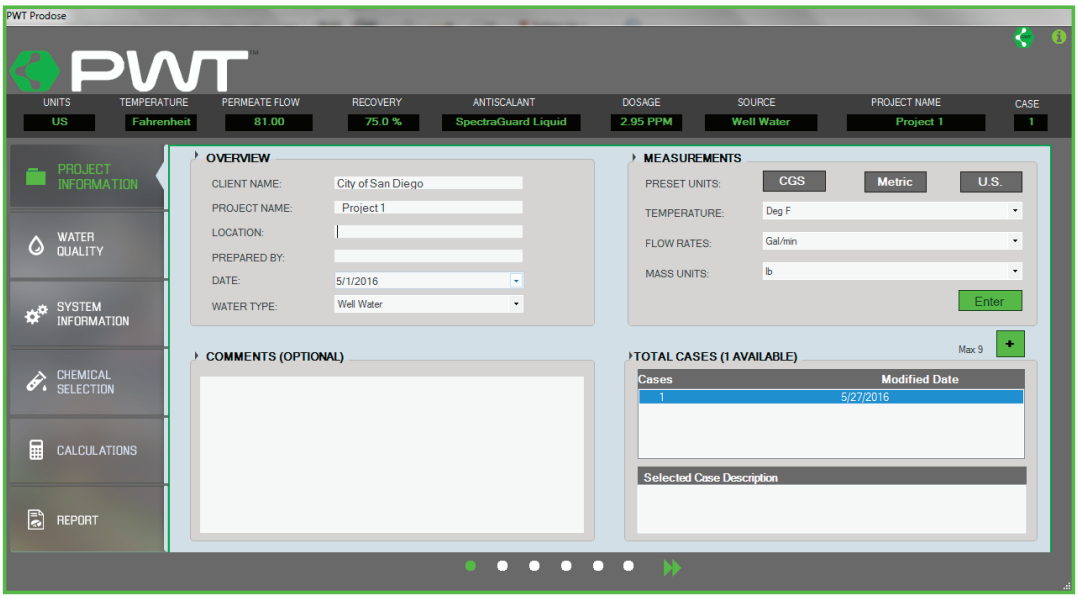
Static soaking of heavily fouled membranes is recommended. After soaking recirculate again for a minimum of 30 minutes. Rinse systems prior to system start-up.

NOTE: Due to variability in MF/UF system configurations, consult your membrane supplier for specific cleaning instructions. This product is compatible with most MF/UF systems

ProDose XPRT™ – Scaling Prediction Software

ProDose XPRT™ uses the most accurate scaling prediction calculations available to accurately determine effective antiscalant dosage, and cleaning chemical usage. The user can enter multiple cases to study various operating conditions, directly enter concentrate analysis, and select the best PWT product and dosage for the application.

ProDose XPRT™ is available upon request only. Please contact your PWT representative for more information.



PWT™
Forward thinking chemistry

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