

RoClean L211 is a low foaming liquid designed to remove silt and organic foulants such as colloidal silica, clays, organic colour and bacterial slime from thin film composite membranes. RoClean L211 is buffered to prevent the pH limits of a membrane being exceeded in the event of misapplication. RoClean L211 should not be used on cellulose acetate membranes, as irreversible damage can occur.

Performance

RoClean L211 offers a variety of performance benefits:

- **Compatible with the major membrane suppliers.**
- **Superior results in the removal of organic and colloidal foulants, especially when compared to generic formulations.**
- **Contains a specialised blend of buffers and other components to dissolve organic foulants, and disperse colloidal particles.**
- **Highly buffered to resist pH changes during the cleaning process.**
- **Can be used in conjunction with other applicable cleaners as shown in the Avista cleaner selection guide.**

Avista Technologies (UK) Ltd
Waterside House
PO Box 28612
Edinburgh, EH14 5ZL
United Kingdom

Tel +44 (0)131 449 6677
Fax +44 (0)131 449 5599
Email sales@avistatech.co.uk
Web www.avistatech.co.uk

Instructions for Use:

For moderate to severe fouling, RoClean L211 should be applied at a nominal strength of 2% w/v. For milder fouling, or where frequent cleaning is employed, satisfactory results may be achieved at 1% w/v.

The cleaning solution should be recirculated at the flow rate recommended by the membrane manufacturer, taking care not to exceed the guidelines for pressure. Avista Technologies recommend the following flowrates for cleaning spiral wound elements:-

| Element Diameter | Flowrate |
|------------------|----------|
| 4" (100mm) | 40 lpm |
| 8" (200mm) | 150 lpm |

Temperature:

Where possible, apply the cleaning solution at the maximum temperature recommended by the membrane manufacturer.

Packaging:

RoClean L211 is available in 20 Kgs pails. Other packaging is available on request.

Property

| | |
|-------------------------|-----------------------|
| Appearance | : Amber liquid |
| Specific Gravity | : 1.05 to 1.15 |
| pH (2% Solution) | : 11.0 ± 0.5 |