

RoClean L811 is a high pH liquid cleaner designed to remove calcium, barium and strontium sulphate scales from spiral wound thinfilm membranes. RoClean L811 is buffered to prevent the pH limits of a membrane being exceeded in the event of misapplication.

Performance

RoClean L811 offers a variety of performance benefits:

- **Compatible with the major membrane suppliers.**
- **Superior results compared to generic formulations.**
- **Contains a specialised blend of buffers, low foaming surfactants and chelants to speed the dissolution of sulphate scales.**
- **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 L811 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 L811 is available in 20 Kgs pails. Other packaging is available on request.

| Property | Analysis |
|-------------------|----------------------------|
| Appearance | Colourless to amber liquid |
| pH at 2% solution | 10.0-11.0 |
| Specific Gravity | 1.3 ± 0.05 |