

## Antiscalant and Antifoulant for Multi-stage Flash Distillation Plants

### Description

Belgard EV2035 is a high performance liquid product for the control of scaling and particulate fouling in seawater multi-stage flash distillation plants. It is a multifunctional product based on polycarboxylic acid chemistry.

### Application

Belgard EV2035 is effective against alkaline scale formation across the full range of top brine temperatures (TBT) in use today, it is particularly recommended for use in plants operating at top brine temperatures greater than 100°C where total control of particulate fouling and sludging is critical to maintaining thermal efficiency.

Belgard EV2035 is certified to ANSI/NSF Standard 60 for use in distillation plants producing potable water.

### Benefits

Belgard EV2035 has been developed with enhanced scale control and dispersant properties to give improved control of fouling throughout the plant, reducing cleaning frequencies and the associated costs.

### Usage

\*Please consult with your BWA Water Additives representative to determine optimal dosage recommendations for your system.

### Packaging / Weight

|            |          |          |
|------------|----------|----------|
| Drum       | 507 lb   | 230 kg   |
| IBCs/Totes | 2,204 lb | 1,000 kg |

\*Consult your sales representative for availability.

### Physical Properties

|                              |                          |
|------------------------------|--------------------------|
| Appearance                   | Clear amber liquid       |
| Odor                         | Slight                   |
| Solids content               | 28-33% w/w               |
| Specific gravity             | 1.10 to 1.20 at 20/20 °C |
| pH                           | <2                       |
| Boiling range<br>(760 mm Hg) | 100-102°C<br>(212-215°F) |
| Freezing point               | 0 to -10°C               |
| Solubility in:<br>-Water     | Miscible                 |

Further details are available in the safety data sheet



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