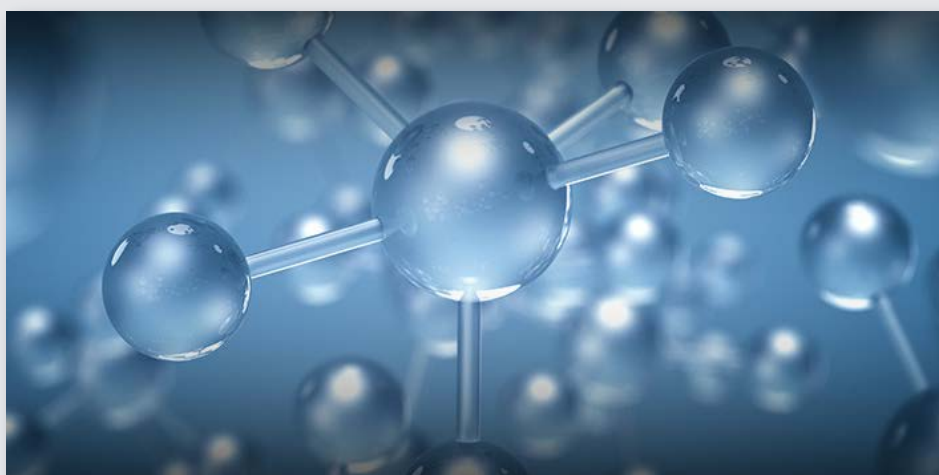


# Anti-fouling reagent Dim-A4000

For the protection of Reverse Osmosis membranes (RO)

The Dim-A4000 chemical product is specially designed to **inhibit the formation of** calcium, barium and strontium salts **incrustations in reverse osmosis** systems equipped with polyamide and cellulose acetate **membranes**.

The efficiency of the anti-encrusting reagent is especially demonstrated for barium sulfates and strontium sulfates. It retains its performance **even in very concentrated streams**. Dispersing qualities **reduce colloidal fouling and sediment of membrane surfaces**.



## Application and Dosage

Dim-A4000 is designed and approved as a highly efficient inhibitor for use with polyamide and cellulose acetate membranes. There is no interaction with the membrane material. The dosage is controlled proportionally to the feed flow. Standard dosing pumps are used. Suitable materials are polyethylene, polypropylene or coated steel.

Dim-A4000 is liquid and could be injected undiluted. If the product due to dosage reasons has to be diluted, it can only be used with desalinated or soft water. The dosage required depends on the conditions in which it is operated, and on the composition of the water, and can vary from 1 ppm to 8 ppm. Dim-A4000 is easy to handle and contains no aggressive components. The pH of the product is slightly acidic.

## Physical Properties

- **Appearance:** Dark yellow crystalline liquid
- **Density:** 1.16 – 1.18 g/cm<sup>3</sup>
- **Viscosity:** < 10 mPa.s
- **PH value:** 4.7-5.2
- **Freezing point:** -10 °C

## Storage and Handling

Dim-A4000 is not classified as a hazardous chemical (GGVE/GGVS, ICOA/IATA). Standard measures and precautions must be followed for handling chemical products.

Dim-A4000 is easy to store. The storage temperature should be between +2 °C and +35 °C. The product is supplied in containers suitable for transport by sea and air.

## Packaging

- Polyethylene container **23.5 Kg. net**
- Standard barrel **240 Kg. net**
- Container **1,100 Kg. net**



Certified by KIWA  
for use in the treatment of drinking water



Certified by NSF  
for use in the treatment of drinking water

