



# BD1

Reverse Osmosis  
Antiscalant

Scale Free BD1 is a concentrated non-phosphonate based liquid antiscalant blend with superior hardness scale control capabilities and superior silicate scale control capability. It includes a robust package of polymeric materials that complement the product's scale inhibition capabilities and maintains superior membrane cleanliness.

## Advantages

- Minimizes membrane cleaning requirements
- Extends membrane service life
- Lowers operating and capital costs
- Improves permeate quality by maintaining cleaner membrane surfaces
- Controls metals, silica, and mineral scale
- Compatible with RO, NF, UF, and MF membranes

**Application:** Scale Free BD1 is intended to be injected upstream of the high pressure pump. If frozen, it may be thawed and gently mixed before use.

Shelf life is 12 to 24 months, depending on the storage environment and exposure to freezing.

**Dosing:** Please contact Scale Free for appropriate injection rates for your system.

**Dilution:** While this product is designed for neat injection, dilution is acceptable with demineralized or permeate quality water.

## Specifications

pH	3.0 - 4.0
Specific Gravity	1.05 - 1.1

Clear liquid with vinegar odor.

## Packaging

Available	Weight
5 gal . Pail	45 lbs.
55 gal Drum	495 lbs.
IBC's (totes)	2,250 lbs.



NSF/ANSI Standard 60: Drinking Water Treatment Chemicals - Health effects in the naturally recognized health effects standard for chemicals which are used to treat drinking water.

Certified to NSF/ANSI/CAN 60

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