

## All-Organic Closed Loop Corrosion Inhibitor for Mild Steel

### Description

Belcor 593 helps in developing more environmentally friendly, all-organic corrosion inhibitors for mild steel in closed loop industrial water systems.

### Application

Belcor 593 is an organic anodic corrosion inhibitor that has proved exceptional as a building block for environmentally acceptable closed loop treatment formulations. It can be used alone or with Belcor 575 for a high performing, cost-effective synergistic combination.

### Benefits

Belcor 593 provides treatment formulations:

- 12% better corrosion rates than nitrite.
- 60% lower cost than molybdate.
- Flexibility in a wide range of make-up water conditions including hard and soft waters.
- Contains no nitrite to support bacteria
- Contains no costly molybdate.
- Non-toxic and good biodegradability.

### Usage

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

### Packaging / Weight

Bag                      55 lb                      25 kg

\*Consult your sales representative for availability.

### Physical Properties

Appearance                      White, free flowing granules

Active ingredient content                      Nominally 65%

Density                      1.1 g/cm<sup>3</sup>

pH (10% suspension)                      About 5

Solubility in:

- Water                      At or below pH 7.0 only very slightly soluble (<0.01%) Above pH 8.0 completely soluble
- Methanol                      Only slightly soluble (600 mg/l at 25°C)
- pH limitations                      Good hydrolytic stability in acid/alkaline media.

Further details are available in the safety data sheet



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