

## All-organic Corrosion Inhibitors for Mild Steel

### Description

Belcor 575 is the industry's most powerful mild steel corrosion inhibitor for all-organic cooling water formulations.

### Application

Belcor 575 is an aqueous solution of hydroxyl phosphono-acetic acid (HPA), and can be used either on its own or as part of an all organic or low level zinc program.

### Benefits

Belcor 575 is a unique high performance mild steel corrosion inhibitor that:

- Is the best available corrosion inhibitor for use in all-organic formulations, as it gives significantly better performance than commodity phosphonates such as HEDP.
- Provides higher biodegradability (93%) and much better environmental profile versus other available programs.
- Provides a positive payback through reduced iron fouling, improved plant integrity and maintenance.
- Increases formulation profitability by replacing costly molybdate.
- Can be easily tested in the field.

### Usage

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

### Packaging / Weight

Drum	550 lb	250 kg
IBCs/Totes	3,070 lb	1,300 kg

Bulk quantities available. Consult your sales representative for availability.

### Physical Properties

Appearance	Dark brown liquid
Odor	Slight
Active ingredient content	Approx 50% w/w
Specific gravity	1.394-1.445 at 20/20°C
pH of undiluted product	<2
pH (1%) solution	Approx. 1.5
Boiling range (760 mm Hg)	101-103°C (212-217°F)
Freezing point	-5°C (22°F)
Solubility in:	
- Ethylene glycol	Miscible

Further details are available in the safety data sheet



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