

# BETAGARD 1231

## Corrosion Inhibitor (Zinc)

### Description

Betagard 1231 is a zinc/phosphate-based corrosion inhibitor designed for use in open recirculating cooling tower systems. It is designed to be used in alkaline pH water environments when used with a stabilizing polymer.

This formula is used when no phosphate contamination is present in the cooling tower make-up water source.

Betagard 1231 can be used over a wide variety of water hardness conditions in an alkaline environment.

Product benefits :

- Part of the Corrosion inhibitor zinc program which gives effective scale and corrosion control with no chromates
- Operates at alkaline pH, which buffers against pH upsets
- Excellent for systems with long holding times and high water temperatures

### Properties

Appearance	Colorless to yellowish liquid
Specific Gravity	1.35 – 1.50
pH	<3
Solubility	Completely soluble

### Dosage and Feeding

BETAGARD 1231 dosage depends on re-circulating water conditions. Your Beta representative can help you select the best dosage for your system.

BETAGARD 1231 must be fed continuously to assure that adequate levels of chemical residual are maintained at all times. The product should be fed neat through equipment using polyethylene, PVC, or Teflon components. Mild steel and stainless steel are not acceptable

### Handling and storage

BETAGARD 1231 is a strongly acidic product and can cause severe eye injury and skin burns. Wear rubber gauntlet gloves, goggles, face shield, and impervious apron when handling. Do not get in eyes, on skin, or on clothing. Do not take internally. Refer to the Material Safety Data Sheet for additional information.

### Packaging

In plastic container with a net weight of 25 kg.

**BETAGARD**

**PT. BETA PRAMESTI ASIA**

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