

BETAGARD 5012

Oxidizing Biocide

Description

BETAGARD 5012 is a very strong and effective oxidizer, similar in behavior to commercial bleach. It is easy to handle with appropriate care. It combines the strong oxidizing power of Chlorine with a high cost-effectiveness, resulting in a very cost-efficient means of bacterial control in Industrial water systems.

Properties

Appearance	Faintly yellow liquid
NaOCl, % WT	Min 10
Specific Gravity	1.10 – 1.20
pH	13.5 – 14.0
Solubility	Completely soluble

Dosage and Feeding

As with all Chlorine release agents, BETAGARD 5012 is most effective when used in the pH range of 6.5 – 7.5. The effectiveness of Chlorine falls off rapidly above this pH, and if in doubt you should consult your BETAGARD Representative about other products more suitable for systems, which run at higher pH values. Recommended starting dose is 0.5 ltr per 5000 ltr of water, or about 100 ppm, and adjusted (optimized) as per the notes below, to give 0.5 – 1.0 ppm free Chlorine.

Handling and storage

BETAGARD 5012 is a very strong oxidizer. It must be stored well away from any flammable or combustible materials. It must NEVER be mixed with Acids. Inhalation the fumes MUST BE AVOIDED. A suitable cartridge mask respirator goggles or face shield and non-fabric gloves should be worn when handling the material. If it comes into contact with the skin it must be immediately washed off, if it enters the eyes, irrigate with water for 5 – 10 minutes and seek medical attention.

Packing

In plastic container with a net weight of 30 kg or 200 kg/drum

BETAGARD

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