

# Justeq07

## Next Generation Industrial Water Treatment Biocide

### Why Justeq07 Over Chlorine Bleach?

Justeq07 is a revolutionary new biocide that is more effective and more economical than chlorine bleach. Justeq07 penetrates into slime masses and breaks up the mass from within. This property makes Justeq07 more effective than bleach on algae and slime control. Justeq07 is extremely stable. Thus, it has a minimal odor and can be stored for very long lengths of time. This stability also makes feeding as easy as possible. Unlike bleach, Justeq07 does not require a degassing head pump. Justeq07 is much less corrosive than bleach. Firstly, it is not a strong oxidizer. Therefore, corrosion created from the product is minimal. Secondly, Justeq07 is compatible with scale inhibitors and copper corrosion inhibitors. Therefore, it will not decompose those chemicals like bleach will. In addition, the amount of Justeq07 needed is only 1/3 to 1/4 of the amount of bleach that is needed. This combined with the fact that the need for supplemental biocides is greatly reduced, or even eliminated, makes Justeq07 a significantly more economical choice over bleach.

	<b>Chlorine Bleach</b>	<b>Justeq07</b>
Slime Control	Marginal – Only Superficial Penetration	Very Effective – Penetrates into the Slime Mass
Algae Control	Effective	More Effective
Metal Corrosion	Corrosive	Barely Corrosive
Odor	Strong Chlorine Odor	Almost No Odor
Storage Stability	Unstable	Extremely Stable- Storage Time of Over 1 Year Possible
Pumping	Difficult/ Degassing Head Pump Needed	Easy/ Regular Pump
Compatibility with Other Water Treatment Chemicals	Decomposes Scale Inhibitors and Copper Corrosion Inhibitors	Compatible with Water Treatment Chemicals
Supplemental Biocide/ Biodispersant	Needed	Need Substantially Reduced or Eliminated
Cost	Economical	Economical

### Dosage

Justeq07 should be fed in accordance with the product label. Justeq07 has to be fed to maintain 1.0-4.0 ppm total chlorine in cooling water. Typical dose rate is 25ppm once/day to 25ppm four times/week. The feeding frequency and dosage depend on the contamination level of the system. The use amount of Justeq07 is typically 1/3 to 1/4 of chlorine bleach. The need for non-oxidizing biocides or biodispersants is greatly reduced or even eliminated when chlorine bleach is replaced with Justeq07.

### Handling

Improper handling of this product can result in injury. Do not mix Justeq07 with other chemicals. Justeq07 should never be mixed with any amount of bleach. The resulting reaction is violently exothermic and will severely damage any non-metal bulk tanks. Observe all precautions directed on the Product Label and the Material Safety Data Sheet.

### Packaging

Justeq07 is in liquid form and can be purchased in drums or in bulk.

### Product Properties

Sodium Hypochlorite..... 7%	Sodium Bromide..... 1.5%	Appearance..... Pale Yellow Liquid
Odor..... Slight Chlorine	Weight per US gallon..... 10.4 lb	pH (neat)..... 12.5 – 13.7

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