

Technical Data Sheet

Multi-functional Scale and Corrosion inhibitor including strong Oxidizing Biocide

Product Name INSTANT I-SOFT® OB

(Oxidizing Biocide)

Application Cooling water, Air Conditioners and Heat exchangers

Brief description Stabilized biocide in INSTANT I-SOFT® OB is much stronger with the oxidation potential 1.8, than Chlorine (Cl₂) and Chlorine dioxide (ClO₂) which have the oxidation potential 1.36 and 0.96 respectively.

INSTANT I-SOFT® OB with addition of INSTANT Stabilized Hydrogen Peroxide (SHP) and in highly concentrated form. INSTANT I-SOFT® OB is the neatest stuff and biocide in water treatment industry.

Availability INSTANT POWDER is available in 5 kg bags. One 5 kg bag is equivalent to 100 liters of competitive or conventional products.

Description Completely water soluble, INSTANT I-SOFT® OB is an instant powder which can effectively destroy bacteria, Legionella in just seconds. Think of the best biocide in the world but made of Stabilized Hydrogen Peroxide. It is easy to carry around, because of its dry powder form. In fact, all cooling towers are polluted with Legionella and its one of the biggest application point of INSTANT I-SOFT® OB. The recommended amounts are small as it is very concentrated.

It is much easier than shipping 50% peroxide and it's not a "Hazardous Material". One does still need to be careful with it, but only when it is mixed into water. Then it becomes a very strong oxidizer.

Product application
Feed rate/Dosing

INSTANT I-SOFT® OB is generally dosed at the rate of 100 ml/m³ of feed water. 5 kg INSTANT I-SOFT® OB can make 100 liters of scale, corrosion inhibitor, dispersant and strong oxidizing biocide. After the dilution is made it can be dosed till the container is empty to start again with INSTANT I-SOFT® OB. It should be regulated to 3:1; three containers of INSTANT I-SOFT® NB and one container of INSTANT I-SOFT® OB. No other equipments or chemicals are required

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How does **INSTANT I-SOFT® OB** work?

I-SOFT® is known as scale and corrosion inhibitor and dispersant in water treatment industry. But this unique combination of stabilized hydrogen peroxide used in it as oxidizing biocide (**OB**) is used as disinfectant. It is used to treat inflammation of the gums and to disinfect drinking water. It is also used to combat excessive microbiological growth in water systems and cooling towers.

All over the world **INSTANT I-SOFT® OB** is used more and more frequently to treat individual water supplies. It is used to prevent the formation of colors, tastes, corrosion and scaling by pollution degradation (iron, manganese, sulfates) and all micro-organism degradation.

INSTANT I-SOFT® OB reacts very fast. The oxidizing biocide (**OB**) part of it, the Stabilized Hydrogen Peroxide disintegrate into hydrogen and water without the formation of byproducts. This increases the market value of **INSTANT I-SOFT® OB**.

Feeding

INSTANT I-SOFT® OB dosing powder should be dissolved and dosed with **WATCH® Watch-DOS dosing systems**.

Important: When **INSTANT I-SOFT® OB** is dosed into cooling water or heat exchangers, operators should attempt to find a high flow area in the sump of the cooling tower or inside the feed water line.

Packaging & Storage

INSTANT I-SOFT® OB is packed in a 4 x 5 kg bags in a Box. Other packaging could be available on request..



Advantages:

Two 20 kg Boxes of **INSTANT I-SOFT® OB** are equivalent to 800 liters of equivalent product in IBC. It saves a significant amount of money from freight, shipping containers, drums, storage, handling and labor costs.