

# INSTANT I-SOFT

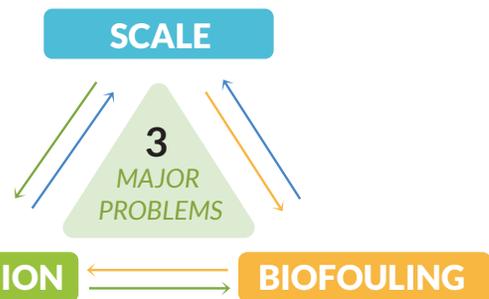
COMPREHENSIVE RANGE OF POWDERED  
DOSING CHEMICALS

## MAKING FEED WATER FOR YOU!

- |                    |                  |
|--------------------|------------------|
| Drinking water     | Cooling towers   |
| Process water      | Boilers          |
| Heating equipments | Steam boilers    |
| Heat exchangers    | Membrane Systems |
| Air conditioners   | Anti-Scalants    |

## ADVANTAGES

- Correct Dosing / Continuous Operation
- Controlled Concentration of products
- Personnel Safety
- Cost effectiveness
- Low Toxicity Technology
- Lower CO<sub>2</sub> Emissions
- 100 % Recyclable Packaging
- Ease of Disposal
- Convenience
- No Service and Maintenance Costs



**THE BEST  
SOLUTION FOR**  
**SCALING, CORROSION  
& BIOFOULING**

## MAJOR CHALLENGES

Scaling, Corrosion and Biofouling are three primary problems interlinked to each other. Scaling is the deposition of minerals on surfaces, where as corrosion causes the degradation of metal parts when corrosive water reacts with it, resulting in structural damage. Scaling lays the groundwork for the growth of biofilms, and corrosion quickens the deterioration of metal surfaces inhabited by biofouling.



NSF/ANSI /  
CAN 60



PREMIUM QUALITY  
MADE IN GERMANY







- FILTERSORB**
- FILTRATION**
- ADSORPTION**
- INSTANT PRODUCTS**
- OXY TREATMENT**
- SYSTEMS**

**REASONS FOR CHOOSING I-SOFT**

**Will you pay for the „water“ in the chemicals?**



**A 5 kg INSTANT bag makes 100 liters of dosing chemical**

- ✓ Correct Dosing/Continuous Operation
- ✓ Controlled Concentration of products
- ✓ Personnel Safety
- ✓ Cost effectiveness
- ✓ Low Toxicity Technology
- ✓ Lower CO<sub>2</sub>
- ✓ 2 Emissions
- ✓ 100 % Recyclable Packaging
- ✓ Ease of Disposal
- ✓ Convenience
- ✓ No Service and Maintenance Costs

**2 x 20 kg Instant chemical boxes can provide 800 liters of dosing chemical**



**Less product, less waste and maximum efficiency**

**FOR WATER TREATMENT OPTIMIZATION**

- ✓ Reduces unnecessary Water Transport
- ✓ Prevents and reduces Handling costs

**Watch Water®** INSTANT Dosing Solutions and Technologies offers, Extensive chemical selection (Only a few selective formulations) for the entire Water Cycle with very small chemical consumption and reduced operating and maintenance costs



**The Best Technology For End Users!**



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- SYSTEMS



## SCALE CONTROL METHODS AND CONSEQUENCES:

There are only two methods of scale control commonly used in water chemistry.

- **Water softening or scale prevention and**
- **Antiscalant dosing**

The prevention period for calcium carbonate is shorter than that for sulfate and silicate scales. These scales clog in pipes, heat exchangers, boilers, cooling towers and membrane elements, making the cleaning difficult and time consuming. This is a big risk that scaling will damage all equipments and membrane surfaces

**Important:**

To prevent calcium sulfate scale, the sum of calcium concentration as  $(CaCO_3)$  and the sulfate concentration as  $(CaSO_4)$  must be less than 1500 mg/l and their product should be kept below 500000. However **I-SOFT** treatment, the sum of calcium as sulfate (as  $CaSO_4$ ) can be as high as 2500 mg/l and their product should be less than 1500000. Calcium carbonate as crystals, present no scale problems as they can be blown down. So, no poly-phosphates or phosphonates should be used in cooling water, heat exchangers, boilers or any membrane application.

### SODIUM

All surface and ground water contains sodium ions ( $Na^+$ ) as element is one of the most abundant on the planet. Very high concentrations in inland waters, however are normally associated with pollution from industrial water softeners, residential water softeners and in coastal areas, sea water intrusion. However, sodium and chloride concentrations in water is a major cause of corrosion. Thanks to the World Health Organization (WHO) to put maximum limit for Sodium ( $Na^+$ ) in drinking water as 20 mg/lit (ppm)

## PHOSPHATES



### Phosphate contained products are all Phosphate's Chemical time Bombs

High concentration of phosphates in natural water or Poly-phosphates, phosphonates scale inhibitors always hydrolyze and revert to orthophosphates leading to deposition of calcium or iron phosphate scale. Since the solubility for calcium phosphate is very small. Temperature, pH, calcium and orthophosphate concentrations affect the formation of calcium phosphate. Calcium orthophosphates scale is more insulating than calcium carbonate and thus causes rapid heat transfer loss. **I-SOFT does not contain any phosphonates or phosphates.**

**Important:**

When water is to be used for irrigation purposes it is important to know the sodium concentration as sodium have all negative effects on soil structure by de-flocculating it, which affect all plant growth.

### SULFATE

The most common form of scale is calcium sulfate as gypsum ( $CaSO_4 \cdot 2H_2O$ ) which is approximately 50 times more soluble than that of calcium carbonate ( $CaCO_3$ ) at 37.7 °C (100 °F). Above 37.7 °C (100 °F) the solubility of Calcium sulfate decreases as the water temperature increases.

**Phosphonates, Phosphates, EDTA and NTA** including water soluble polymers: ask for formulation from all other suppliers. They all use these time bombs to prevent calcium carbonate from precipitating and forming Scales. All these substances act by temporarily delaying the onset of crystallization.





## WHAT IS INSTANT I-SOFT ?

**Watch Water®** is the only producer of **INSTANT complexing Agent**. In addition to the **I-SOFT** (complex), we also offer **corrosion inhibitors, Biocides, Oxygen Scavengers, Cleaning agents, Descalers and strong Oxidizers** – and all of these products are biodegradable!

**Watch Water®** does not supply Phosphates, EDTA, NTA, Phosphonates or Complexing agents which are not Biodegradable.

The performance of the **I-SOFT** Instant type is much higher and the biggest advantage for customers is not to buy 95 % of expensive water, which involves higher transport costs and handling costs. It solves the problem of storage as well.

The excellent ecological properties of the **I-SOFT** have been confirmed by numerous customers worldwide. **Watch Water®** therefore recommends the **I-SOFT** as replacement for other, less environment friendly complexing agents, such as Phosphates, Phosphonates, Ion-Exchange Cations, Anions and Silicates etc.

## I-SOFT IS SO MUCH DIFFERENT



Because **I-SOFT** prevents salts from precipitating and forming scale and at the same time sequestering all metal cations.

### pH STABILITY

- **I-SOFT** boosts the performance of highly alkaline formulations
- **I-SOFT** can easily be employed in all acidic formulations
- **I-SOFT** does not decompose even at extreme pH
- **I-SOFT** formulations are resistant of being broken down in the whole pH range between 2 to 14, even at elevated temperatures.

### CHEMICAL STABILITY

Formulation's that contain **I-SOFT** as complexing agent remain chemically unchanged during transport, storage and dilution, in order to be able to deliver the full potential. This ensures that all **Watch Water®** formulations that contains **I-SOFT**, remain effective over long period of time.

Specification	Mode of action
<b>Dispersing Agent</b>	Dispersing agent such as <b>I-SOFT</b> is very effective to prevent the formation of scale such as barium sulfate.
<b>Scale Prevention</b>	Displaces the equilibrium by sequestering all metal cations
<b>Corrosion Prevention</b>	Strongly reduces the high concentrations of free metal ions to lower the solubility
<b>Stabilizing all OXIDIZERS, BIOCIDES and other chemicals</b>	Sequesters all reactive heavy metals (iron, manganese, lead, copper, zinc etc.) and stops the reactivity of metal ions in the presence of oxidizers like HOCl, Chlorine, Chlorine dioxide, Bromine, Peroxides and Hydrogen Peroxide

***I-SOFT is a High Performance  
Complexing Agent  
against Permanent Water Hardness  
– Not cations but ALL SALTS!***

### SCALE CONTROL

**Watch Water®** has introduced a revolutionary Scale control method to minimize the chemical use. Conventional ion-exchange resins add up sodium thus increasing the conductivity as well as making the water corrosive, which are undesired for all industrial applications.

The **Watch Water®** treatment method handles the water hardness load separately with the combination of **FILTERSORB®SP3** and **I-SOFT** in series.



- FILTERSORB
- FILTRATION
- ADSORPTION
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- OXY TREATMENT
- SYSTEMS

# STRONG ACID CATION SOFTENING VS. FILTERSORB®SP3 SCALE PREVENTION INCLUDING I-SOFT

Here is an example table for complete Watch-Water Scale-Prevention Solution:

Hard Water contains salts of Cations and Anions	Water Hardness	Treatment Method
Ca <sup>2+</sup> Mg <sup>2+</sup> + HCO <sub>3</sub> <sup>-</sup>	Temporary / carbonate water hardness	Treated with <b>FILTERSORB®SP3</b> by converting the bicarbonates into non-soluble carbonate crystals Mg <sup>2+</sup> (Directed NAC)
Ca <sup>2+</sup> Mg <sup>2+</sup> Ba <sup>2+</sup> Sr <sup>2+</sup> + SO <sub>4</sub> <sup>2-</sup> SiO <sub>2</sub> <sup>2-</sup> PO <sub>4</sub> <sup>2-</sup> F <sup>-</sup>	Permanent / noncarbonate water hardness	Treated by addition of <b>I</b> for rest hardness stabilization <b>SOFT</b> for corrosion control

When compared between softening and **FILTERSORB®SP3**, the main disadvantage of softening is cost. When the sodium ions have been replaced by calcium and magnesium, the resin must be regenerated with sodium chloride. Expensive and complicated control valve is needed for backwash of the resin and required water to regenerate is huge in volume (see cost analysis).

The cost comparison does not include disposal costs for regeneration of the spent softener, which is becoming expensive all over the world. There is no level of hardness in which softening method can compete in economical aspect with **FILTERSORB®SP3** and very little **I-SOFT** dosing to prevent sulfate and silica scales. **I-SOFT** is very surface active Antiscalant that interfere with precipitation reactions in three primary ways:

- Rest Hardness Stabilization
- Corrosion control
- Dispersion

**I-SOFT** formulation is an **extremely effective sulfate scale inhibitor**. It also has excellent antiscalant qualities for **silica scale** and rest hardness stabilization for calcium carbonate. **I-SOFT** can be used in any surface or groundwater that contains solids and silt. It also has high tolerance for oxygen scavengers and biocides.

## CORROSION CONTROL

The **I-SOFT** stabilizes all polyvalent metal ions, which means that they can increase the rate at which the metals dissolve. Corrosion is decreased immediately if the pH is in the alkaline range and can be eliminated completely if **I-SOFT** contains Oxygen Scavenger as addition, both in Hot Water Boilers and Steam Boilers.

- **I-SOFT ON** – Non-volatile Oxygen scavenger
- **I-SOFT OV** – Volatile Oxygen scavenger

Both these **I-SOFT** types are in alkaline range, which is the optimum pH range for the boilers that stops corrosion, neutralizes any kind of hardness and saves all the cleaning with acids.

### Advantages:

Solutions that contain **I-SOFT** are much less corrosive to aluminum if their pH is adjusted to 5 – 7. One of the biggest advantage to soften water and stop scale and corrosion is that **I-SOFT** contains a very low content of chlorides.



## 3-IN-1 PROTECTION

PREVENTS SCALING

FIGHTS CORROSION

PREVENTS BIOFOULING

**WATCHER**  
WATCH WATER

*a Water Company*

**FILTERSORB**

**FILTRATION**

**ADSORPTION**

**INSTANT PRODUCTS**

**OXY TREATMENT**

**SYSTEMS**

## INSTANT I-SOFT FAMILY

Product Name	Type	Function
I-SOFT	-	<ul style="list-style-type: none"> <li>Municipal, Residential, Industrial, Commercial Water Application</li> <li>Scale &amp; Corrosion inhibitor for all pipes and equipments.</li> </ul>
I-SOFT	DW	<ul style="list-style-type: none"> <li>Drinking Water applications, Food &amp; beverage Industries</li> <li>Scale &amp; Corrosion inhibitor for all pipes.</li> </ul>
I-SOFT	ON	<ul style="list-style-type: none"> <li>Scale &amp; Corrosion inhibitor with Non-volatile Oxygen scavengers.</li> <li>FDA approved multi-purpose Hot Boiler Water Treatment.</li> </ul>
I-SOFT	OV	<ul style="list-style-type: none"> <li>Scale &amp; Corrosion inhibitor with Volatile Oxygen scavengers.</li> <li>Multi-purpose Boiler (Steam Boilers) Water Treatment.</li> </ul>
I-SOFT	NB	<ul style="list-style-type: none"> <li>Cooling Water, Heat exchangers, Air conditioners</li> <li>Multi-functional Scale and Corrosion inhibitor with Dispersant and non-oxidizing biocide for high silica and sulphate content in feed water.</li> </ul>
I-SOFT	OB	<ul style="list-style-type: none"> <li>Cooling Water, Heat exchangers, Air conditioners</li> <li>Most effective non-hazardous oxidizing biocide in the market. High Cycle chemistry!</li> </ul>
I-SOFT	RO	<ul style="list-style-type: none"> <li>Guaranteed one dosage and all prevention of scaling &amp; fouling, such as silica, sulphate including barium and strontium scales.</li> </ul>
I-SOFT	ROB	<ul style="list-style-type: none"> <li>Prevention of silica, sulphate, barium and strontium scaling and Bio-fouling.</li> </ul>

**INSTANT**



NSF/ANSI /  
CAN 60

THE INSTANT I-SOFT®  
**RANGE OF**  
CHEMICALS IS  
EXCELLENT FOR



Cooling Towers



Heat Exchangers



Boilers



Reverse Osmosis



INSTANT  
**i-SOFT-DW**  
INSTANT DOSING TECHNOLOGY

## DRINKING WATER AND GENERAL APPLICATIONS

### INSTANT I-SOFT

**INSTANT I-SOFT** prevents precipitation of non-soluble salts and oxides on metal surfaces and keep the solids and the sludge in dispersion. Beside calcium carbonate, **INSTANT I-SOFT** is also a strong inhibitor for sulfates and silica scale. **I-SOFT** is environmentally friendly since does not contain phosphate, phosphonates, EDTA or NTA or any toxic chemicals and it is readily biodegradable.

**Note:** This product is not meant for direct human consumption.

### INSTANT I-SOFT DW

**INSTANT I-SOFT DW** is a food grade poly-mixture consisting of a mixture of Rest hardness and Anion scale stabilizer including a dispersant and sequester. It is specially designed to use in all potable (drinking) water applications. **INSTANT I-SOFT DW** contains all food grade NSF 60 certified products.

It brings high health risks for humans who drink water containing high sulfate levels. **INSTANT I-SOFT DW** form a corrosion inhibiting layer inside the pipes and all surfaces that comes in contact with the water. Because of its well balanced composition, it inhibits the cathodic corrosion process, leading to a synergistic effect.

Anion Scale Inhibition: Ready to dose **I-SOFT DW** acts as "Threshold inhibitor" for sulfate and silica scale, thus stabilizing the anion hardness scale. As a guideline **I-SOFT DW** prevents sulfate and silica scale up to 500 mg/l (ppm) in water. The temperature of the water can be up to 90°C.

Corrosion Inhibition by **INSTANT I-SOFT DW**: Sulfate is one of the major dissolved component of drinking water. High concentration of sulfate in the water we drink can have a Laxative effect. Bacteria which attack and reduce sulfates, form hydrogen sulfide (H<sub>2</sub>S). Hydrogen sulfide gas can cause the maximum corrosion and to avoid both calcium and magnesium bicarbonates and sulfates and silica anion scales including chlorides corrosion **INSTANT I-SOFT DW** is the best effective and economical solution.

#### APPLICATION I-SOFT:

Municipal, Residential, Industrial, Commercial Water Application Scale and Corrosion inhibitor for all pipes and equipments.

#### DOSING I-SOFT:

**Standard Dilution:** 20 liters of dosing solution is prepared from 1 kg of **INSTANT I-SOFT**

**Feed rate:** **I-SOFT** dosage ranges between 20 - 120 ml of diluted product against each cubic meter of water for waterhardness up to 600 mg/l (ppm).

**I-SOFT** is typically fed continuously in the make-up line or eventually directly into water circulation.

#### APPLICATION I-SOFT DW:

Food grade multipurpose potable (drinking) water treatment

#### DOSING I-SOFT DW:

**Standard Dilution:** 5 % strength dosing solution is prepared from 1 kg of **INSTANT I-SOFT DW** in 20 liters of water.

**Feed rate:** Fed with a dosing rate of 40 - 60 ml/m<sup>3</sup> (proportional to 2 - 3 mg/l) for drinking water. Dosing rate may vary depending upon the water quality.





**INSTANT  
I-SOFT-ON**  
INSTANT DOSING TECHNOLOGY

## HOT WATER BOILER APPLICATIONS

### INSTANT I-SOFT ON

Boilers are meant to heat up water, the vapours from which can be used for cooking, sanitation or for other industrial purposes. Boiler water treatment is basically the treatment and conditioning of feed water with three primary goals, i.e., corrosion prevention, scale prevention and maintaining steam purity and quality.

**INSTANT I-SOFT ON** is an instant boiler water powder incorporation with multi function scale inhibitor and an Corrosion and alkalinity builders which also includes Oxygen scavenger.

This product is suitable to dose under both softened water and **FILTERSORB®SP3** treated make-up water applications.

**Note:** This product is not meant for direct human consumption. Industrial use only.

#### APPLICATION I-SOFT ON:

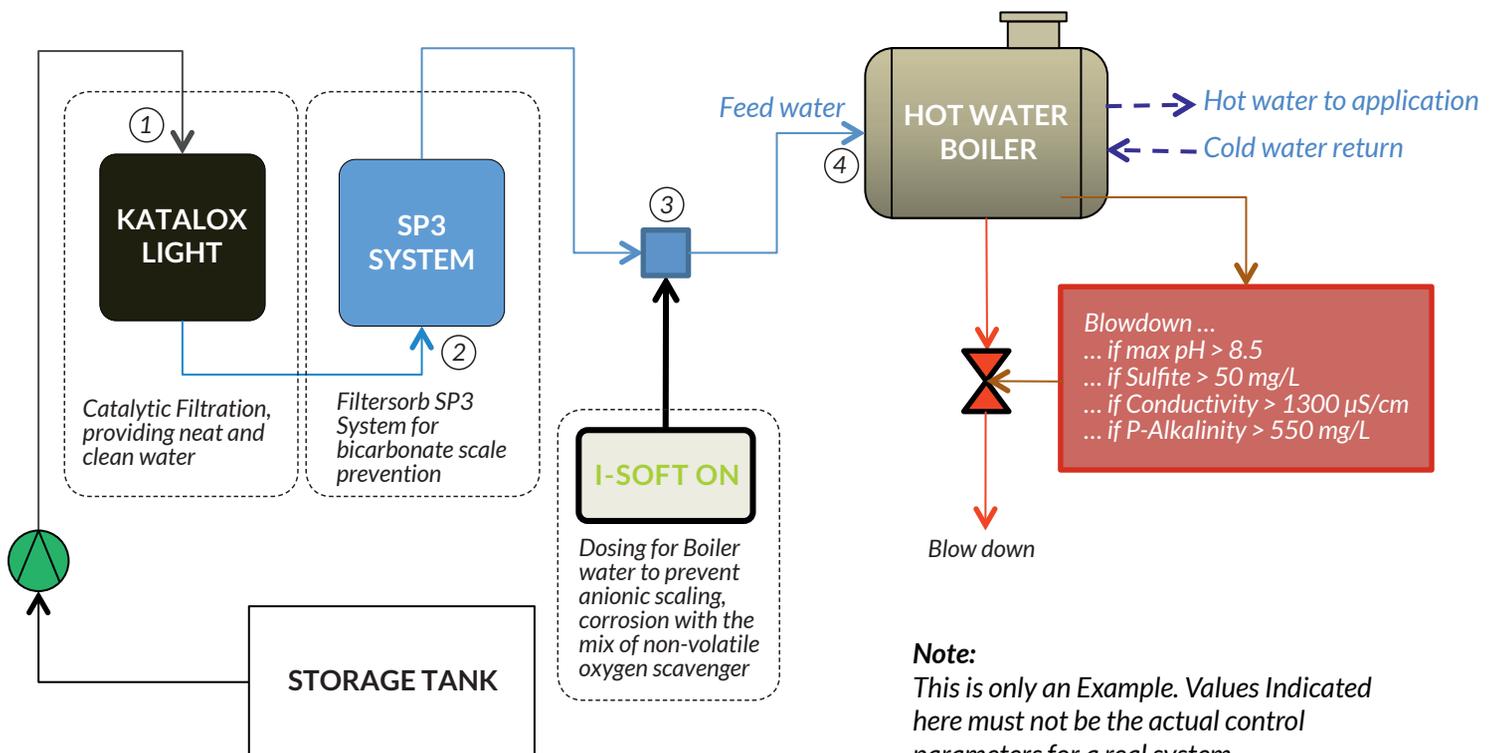
Scale and Corrosion control with Non-volatile Oxygen Scavenger  
Hot Water Boiler Water Treatment

#### DOSING I-SOFT ON:

**Standard Dilution:** 20 liters of dosing solution is prepared from a 1 kg of **INSTANT I-SOFT ON**

**Feed rate:** **I-SOFT ON** dosage ranges between 20 - 120 ml of diluted product against each cubic meter of water for waterhardness up to 600 mg/L (ppm).

**I-SOFT ON** is typically fed continuously in the make-up line or eventually directly into water circulation.



**Note:**  
This is only an Example. Values Indicated here must not be the actual control parameters for a real system

**BBT: Best Boiler-water Treatment**

- FILTERSORB
- FILTRATION
- ADSORPTION
- INSTANT PRODUCTS
- OXY TREATMENT
- SYSTEMS



**INSTANT I-SOFT-OV**  
INSTANT DOSING TECHNOLOGY

## STEAM BOILER APPLICATIONS

### INSTANT I-SOFT OV

**INSTANT I-SOFT OV** is an instant boiler water oxygen scavenger. **INSTANT I-SOFT OV** is based on CHZ and is formulated to remove dissolved oxygen from boiler water. This is the first hydrazine substitute designed to provide a product that acts like hydrazine but does not contribute any hazardous byproducts. The product has a patent (#429717) for use as an oxygen scavenger.

**I-SOFT** provides excellent metal Passivation. In the presence of heat and a very special formulation of **INSTANT I-SOFT OV** it breaks down to form neutralizing amines which elevate the pH of the condensate systems, helping to protect it from any gaseous attacks.

**I-SOFT** as usual protects from scale, corrosion and keep all impurities in dispersion. CHZ does not add any dissolved solids to the system. Feed water from **FILTERSORB SP3** keeps all sodium away for corrosion attack.

**Note:** This product is not meant for direct human consumption. Industrial use only.

#### APPLICATION I-SOFT OV:

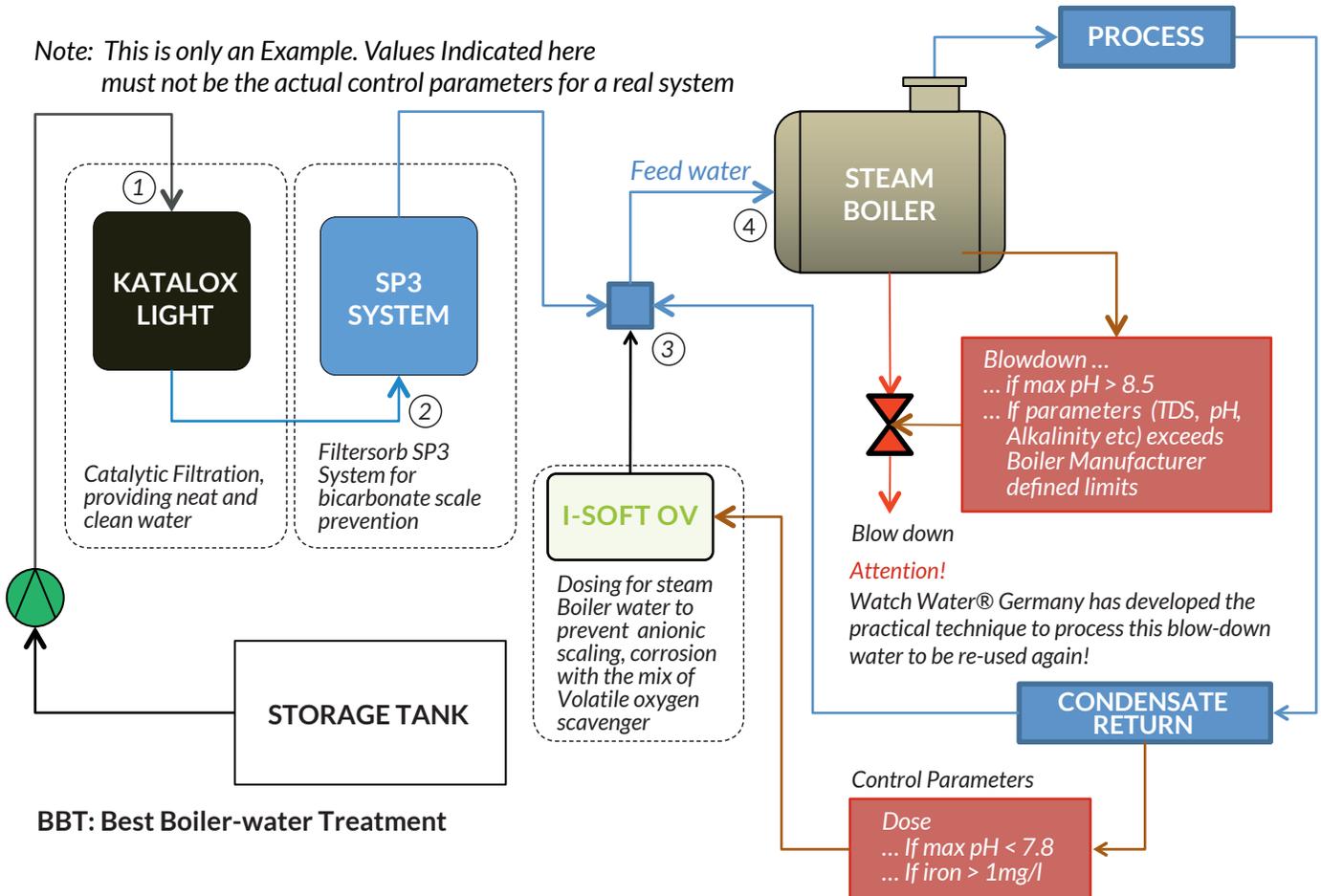
Scale and Corrosion control with Volatile Oxygen Scavenger Steam Boiler Water Treatment

#### DOSING I-SOFT OV:

**Standard Dilution:** 20 liters of dosing solution is prepared from 1 kg of **INSTANT I-SOFT OV**

**Feed rate:** **I-SOFT OV** is generally dosed at the rate of 56 ml of 5 % strength diluted solution in each cubic meter of water (per 1000 liters) for each 1 mg/l of Oxygen.

Note: This is only an Example. Values Indicated here must not be the actual control parameters for a real system



BBT: Best Boiler-water Treatment



**INSTANT I-SOFT-NB**  
INSTANT DOSING TECHNOLOGY

## COOLING WATER TREATMENT

### INSTANT I-SOFT NB

Multi-functional scale and corrosion inhibitor with dispersant and **non-oxidizing biocide**. Perfect for water containing very high sulfates and silica. To protect inner wall of pipes made of copper or other metals from corrosion, it contains tolyltriazole. It is formulated with one of the best fast acting nonoxidizing biocide available in the water treatment industry. This biocide has outstanding environmental properties because it is non-persistent and degradable to naturally occurring products. **INSTANT I-SOFT NB** uses most advanced polymer anti-scalant and dispersant and **tolyltriazole** as corrosion inhibitor.

### INSTANT I-SOFT OB

Stabilized oxidizing biocide in **INSTANT I-SOFT OB** is much stronger with the oxidation potential 1.8, than Chlorine (Cl<sub>2</sub>) and Chlorine dioxide (ClO<sub>2</sub>) which have the oxidation potential 1.36 and 0.96 respectively.

Completely water soluble, **INSTANT I-SOFT OB** is an instant powder which can effectively destroy bacteria, Legionella in just seconds. 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.

**Note:** This is only an Example. Values Indicated here must not be the actual control parameters for a real system

#### APPLICATION I-SOFT NB:

Cooling water, Air Conditioners and Heat exchanger  
Scale and Corrosion control with bio-fouling prevention

#### DOSING I-SOFT NB:

**Standard Dilution:** 20 liters of dosing solution is prepared from 1 kg of **INSTANT I-SOFT NB**

**Feed rate:** INSTANT I-SOFT NB is generally dosed at the rate of 50 ml/m<sup>3</sup> of feed water to prevent silica and sulfate scale. I-SOFT NB has shown best results and no scale up to 300 mg/l (ppm) of silica in feed water. No extra biocide is required as it contains very powerful nonoxidizing biocide which is 100 % biodegradable.

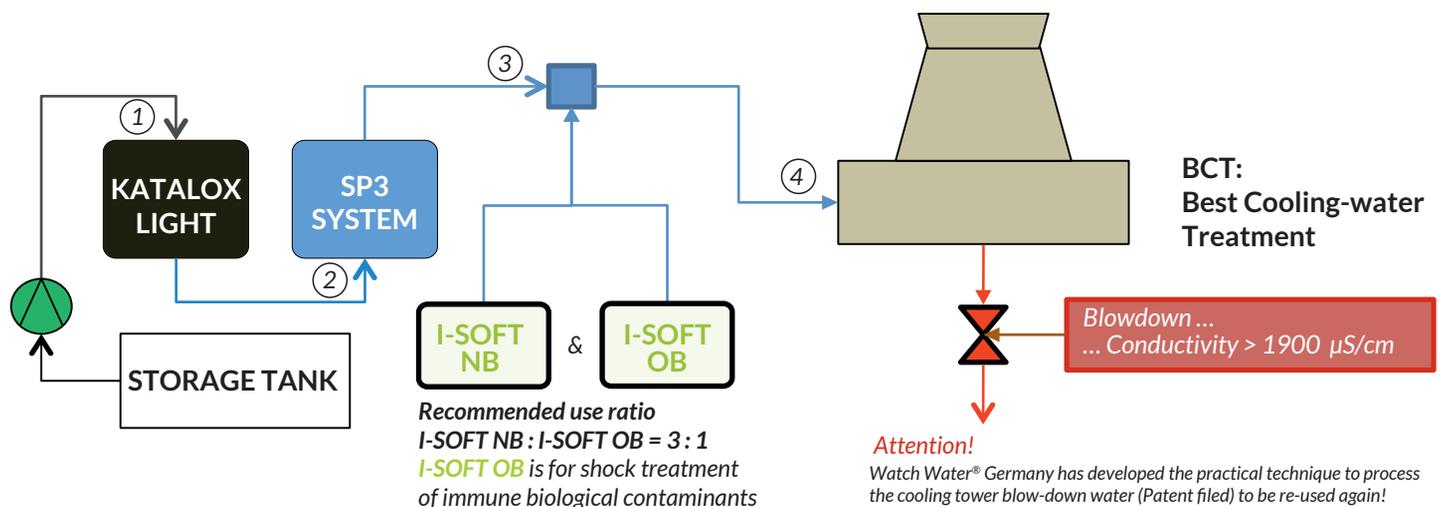
#### APPLICATION I-SOFT OB:

Cooling water, Air Conditioners and Heat exchanger

#### DOSING I-SOFT OB:

**Standard Dilution:** 20 liters of dosing solution is prepared from 1 kg of **INSTANT I-SOFT OB**

**Feed rate:** **INSTANT I-SOFT OB** is generally dosed at the rate of 100 ml/m<sup>3</sup> 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 OB** and one container of **INSTANT I-SOFT NB** alternatively to provide shock treatment to the biology which might get immune to the non-oxidizing biocide. No other equipments or chemicals are required.



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## MEMBRANE WATER TREATMENT

### INSTANT I-SOFT RO / I-SOFT ROB

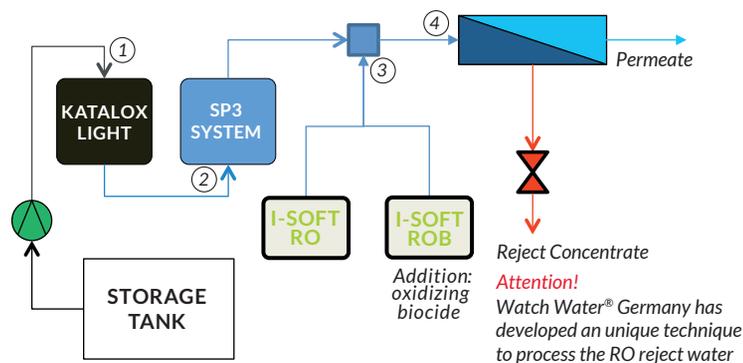
The revolutionary Antiscalant and Corrosion Prevention **INSTANT I-SOFT RO** powder (**INSTANT I-SOFT ROB** for added oxidizing biocide) is used for large systems with first and second pass, partial recycling, small and medium Reverse Osmosis (RO) systems for potable use. Treats water with very high Silica and all kinds of sulfates. It has no phosphates or phosphonates to avoid eutrophication and it contains 100 % environment friendly chemicals. No formulation compound has bioaccumulation tendency.

**INSTANT I-SOFT RO** is the only Antiscalant which is dosed for high silica and sulfate scales and you would never need cleaning. We have the right product for Membranes and pure water.

*Why scaling of Silica, Calcium Sulfate (gypsum), Calcium phosphate, Magnesium hydroxide, Barium sulfate (barite) or Strontium sulfate is noticed on membrane surfaces?  
Why you should never again need to clean your membrane?*

Please ask the **Watch Water®** Team We are leaders in our field membranes.  
No more 100 different Dosing Solutions but One and the Only One family of **INSTANT I-SOFT® RO/ROB**

To know and learn more about this huge potential of **I-SOFT** Chemicals please contact us:



BRT: Best RO-water Treatment

**Note:** This is only an Example. Values Indicated here must not be the actual control parameters for a realsystem

#### APPLICATION I-SOFT RO & ROB:

Scale and Corrosion prevention for Membranes Membrane treatment for sea water, Brackish water including concentrate recycle.

#### DOSING I-SOFT RO & ROB:

**INSTANT I-SOFT RO** and **INSTANT I-SOFT ROB** are generally dosed at the rate of 10 – 40 ml/m<sup>3</sup> (v/v) from diluted (5 %) **I-SOFT ROB**.

#### Important:

**INSTANT I-SOFT RO/ROB** – 5 % strength solution is metered in a ratio of 10 ml/m<sup>3</sup> for concentrations of TDS up 2000 mg/l (ppm)

Disclaimer : The information in this publication is based on reliable data and is provided in good faith, without warranty or performance guarantee, as product use conditions are beyond our control. Watch Water GmbH, Germany, does not offer express or implied warranties, including merchantability or fitness for a specific purpose. Users should assess product suitability and performance with their equipment. Specifications may change without notice. Watch Water GmbH, Germany, is not liable for consequential or incidental damages, such as lost profits from product use.

### Standard Packaging

Packging	Weight of product	Quantity/ pallet	Gross Wt./ pallet	Certification
Box ( 4 x 5 kg bags)	20 kg	48	1080 kg	NSF/ANSI/ CAN 60
Drum	60 kg	18	1163 kg	

★ Other packaging can be considered on request

