## Technical Data Sheet

**Multi-purpose Boiler Treatment for FILTERSORB® SP3 Water Systems**

<table>
<thead>
<tr>
<th>Product Name</th>
<th>INSTANT I-SOFT® OV (Based on CHZ technology)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Application</strong></td>
<td>Boiler water treatment - Scale, Corrosion &amp; Volatile Oxygen Scavenger</td>
</tr>
<tr>
<td><strong>Brief description</strong></td>
<td>Volatile oxygen scavenger – including INSTANT I-SOFT® and sulfite</td>
</tr>
<tr>
<td><strong>Availability</strong></td>
<td>INSTANT POWDER is available in 5 kg bags. One 5 kg bag is equivalent to 100 kg of competitive or conventional products.</td>
</tr>
</tbody>
</table>

### Description

**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.

### Product application

**INSTANT I-SOFT® OV** is generally dosed at the rate of 5 ppm or mg/liter of product against per ppm or mg/liter of oxygen. **INSTANT I-SOFT® OV** dosing is dependent upon the amount of feed water, oxygen and alkalinity.

### Testing and Control

<table>
<thead>
<tr>
<th>Testing</th>
<th>In Condensate Return</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>pH</strong></td>
<td>7 – 8.5</td>
</tr>
<tr>
<td><strong>Iron</strong></td>
<td>&lt; 1 ppm (mg/l)</td>
</tr>
</tbody>
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### Feeding

**INSTANT I-SOFT® OV** is dosed with Watch-DOS® dosing systems. For perfect dilution and dosing refer to Watch-DOS® product Brochure.

### Packaging & Storage

**INSTANT I-SOFT® OV** is packed in a Box of four bags, 1 in service and 3 in stock. 4 x 5 kg total weight 21.5 kg packed according to all package transport companies.

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**Test kits are available from Watch Water distributors**

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**INSTANT I-SOFT OV - Volatile Oxygen scavenger**

Page | 1