

## Technical Data Sheet

Multi-purpose Boiler Treatment for FILTERSORB® SP3 Water Systems

**Product Name** INSTANT I-SOFT® OV (Based on CHZ technology)

(Boiler and condensate treatment)

**Application** Boiler water treatment - Scale, Corrosion & Volatile Oxygen Scavenger

**Brief description** Volatile oxygen scavenger – including INSTANT I-SOFT® and sulfite

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

**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**

Testing	In Condensate Return	
pH	7 – 8.5	
Iron	< 1 ppm	(mg/l)

**Feeding**

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

- Test kits are available from Watch Water distributors

**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.