



# Product Specification Report

1.2/06810001/1116

**Sulphite based oxygen scavenger for steam generators fed with water characterized by high alkalinity values (Alc M > 50ppm). Maximum pressure: 35 Bar (35 kg / cm<sup>2</sup>).**

## BOILER DEOX

Internal treatment for steam generators

### FEATURES:

<b>Oxygen scavenging</b>	Depletes oxygen because of sulphites.
<b>Reduces alkalinity</b>	The de-alkalizing effect of the product, together with the right level of blow down, helps to keep boiler water values within the limits of current regulations and in particular in an optimal pH range in order to prevent corrosion.

### APPLICATIONS:

Ideal for wet storage of steam generators and for removal of oxygen from feed water before wet storage of boilers.

### SPECIFICATIONS:

Form .....Liquid  
 Colour .....Colourless  
 Odour.....Typical  
 Density (20°C) .....± 1,2 g/cm<sup>3</sup>  
 Solubility in water .....Soluble  
 pH (undiluted) .....± 4,0

### ACTIVE INGREDIENTS:

- Sulphites

### PRECAUTIONS FOR USE:

Keep container sealed. For more information, consult the MSDS.

### INSTRUCTIONS FOR USE:

The product should be dosed automatically on-line or in the steam generator's accumulation tank. Ideal dosing is realised through the use of a dosing pump that is connected to the pump that feeds water to the boiler. Dosage varies, depending on the characteristics and the temperature of the water. A chemical reserve of 30-70 ppm should be maintained during regular operation. This should be increased to 150 ppm for an idle boiler.

### APPROVALS:

The active ingredients in the product are all listed as FDA approved ingredients (CFR 21 173.310). The product has been formulated in accordance with British Standards BS 2486:1997.

*All information in this document is based on our practical experience and/or laboratory tests. Due to the multiplicity of conditions for usage and variable human factors, we recommend that you always test our products for suitability prior to use. At any time, this version of the product specification report may have been revised based on legislation, availability of the individual ingredients or newly acquired information. The current approved version is available upon request.*

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