



# Product Specification Report

1.2/94840001/1116

**Multifunctional treatment for steam generators fed with water characterized by low alkalinity levels (Alk. M < 50 ppm). Pressure limit: 35 bar (35 kg/cm<sup>2</sup>).**

## BOILER DEMI

Multifunctional treatment for low pressure boilers

### FEATURES:

<b>Effective anti-scaling</b>	Efficient anti-scaling product, preventing the precipitation of salts on surfaces in the system.
<b>Oxygen scavenger</b>	Effectively removes oxygen thanks to the presence of sulphites.
<b>Alkalizing</b>	It raises the feed water alkalinity, helps to keep the water's parameters within the legal limits, and in particular, helps to keep an optimal pH value to prevent corrosion.

### APPLICATIONS:

Ideal for the protection of idle boilers. Recommended for steam generators in case of low alkalinity, to prevent scaling and corrosion problems.

### SPECIFICATIONS:

Form ..... Liquid  
 Colour ..... Colourless  
 Odour ..... Typical  
 Density at 20 °C ..... ± 1,1 g/cm<sup>3</sup>  
 Solubility in water ..... Soluble  
 pH at 20°C ..... ± 12,0

### ACTIVE INGREDIENTS:

- Sulphites
- Phosphates
- Blend of organic polymers

### PRECAUTIONS FOR USE:

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

### INSTRUCTIONS FOR USE:

Should be dosed automatically, on-line or in the accumulation tank of the boiler. Ideal dosing is obtained through a dosing pump connected to the feed water pump of the boiler. Dosage varies, depending on the characteristics and the temperature of the water. The parameters to control after the product has been added are:

	General	UK specific
<b>Sulphites</b>	<b>20-60 ppm</b>	<b>30-70 ppm</b>
<b>Phosphates</b>	<b>15-30 ppm</b>	<b>30-60 ppm</b>

### APPROVALS:

The components of the product are listed in FDA CFR 21 173.310 (boiler water additives). This means that the product can also be used for steam generators, where there might be direct contact between steam and food-stuffs.

*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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