

Produktinformation Oxygen binder material 91 K10

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Use: **Oxygen binder material 91 K10** is used to treat boiler feedwater after complete desalination. The residual hardness of the feedwater should range from 0,1° to 0,5° german hardness.

Oxygen binder material 91 K10 is a combined product to eliminate oxygen and to stabilize residual hardness. With waterhardness **Oxygen binder material 91K10** forms a sludge which can be removed through the bottomblowdown. **Oxygen binder material 91 K10** eliminates oxygen and prevent oxygen induced corrosion.

Oxygen binder material 91 K 10 is a liquid formulation specially developed for use in the food industry. The alcalinity of the boilerwater is lightly increased.

Feeding: The dosage of **Oxygen binder material 91 K10** depends upon the oxygen range and the boiler operating conditions.
Oxygen binder material 91 K10 should be dosed into the preboiler section.

Under normal conditions **Oxygen binder material 91 K10** can be dosed with an automatic dosingsystem, which is connected electrical paralell to the feedwater pump.

Suggested dosing rate is to obtain 5 to 10 ppm sulfite to be sure that the dissolved oxygen is eliminated.

For the necessary scalesecurity you need to maintain an excess of appr. 20 ppm phosphates (as P2O5).

A regulary examination of the phosphates and the sulfite is recommended.

Analytic: For the control of the boilerwater we suggest the following testkits:

Resthardness: 003 100 008

Total hardness: 003 100 007

Sulfite: 003 100 002

Phosphate: 003 100 001

Features: **Oxygen binder material 91 K10** contains sodiumsulfite and sodiumphosphate for scalecontrol and the dispersion of the resulting scale fragments.

Appearance: clear liquid

pH: appr. 10

freezing point: appr. 1,27 g/cm³

Dilution with water: in every concentration

Handling precautions:	For the handling of Oxygen binder material 91 K10 people have to respect the common rules of security to work with corrosive substances. Our safety data sheet have to be respected.
Attention:	The contact with acids Oxygen binder material 91 K10 will set free SO₂ !
Packaging:	30 kg One-way-containers
Storage:	Keep container closed and protect from frost Oxygen binder material 91K10 should be used in a timeperiod of 5 months.