

### Produktinformation Oxygen binder material 91 K10

Unterschwand 4  
4893 Zell am Moos  
AUSTRIA

Tel.+43664/4564478  
Fax.+436234/20078  
E-mail:fink-water@aon.at

**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/cm<sup>3</sup>

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 SO<sub>2</sub>!**
- 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.