

## **Turbodispin® D 100**

### **Scale dispersant for boiler treatment**

#### **APPLICATION**

Turbodispin® D 100 is used for the treatment of steam generators and hot water systems from scale. The product can also be used for co-dosing Albaphos® products containing polyphosphates and oxygen binders. In this case Turbodispin® D 100 improves their efficiency.

#### **SPECIFICATION**

Active agents:	sulfonated polycarboxylates
Form:	liquid
pH value:	about 5
Density (20°C):	about 1,2 – 1,25 g/cm <sup>3</sup>
Freezing point:	about - 8°C
Viscosity (20°C):	< 200 mPas

#### **ACTION**

Turbodispin® D 100 supports solids, iron oxide and calcium phosphate, which are the result of the action of Albaphos®, in suspended state, thus protecting against the formation of solid deposits of calcium inclusions on important parts of the equipment. With the continuous use of Turbodispin® D 100, old deposits are removed. The results are obvious - clean surfaces which are coated with a protective layer of magnetite and economical boiler functioning.

#### **DOSAGE**

The Turbodispin® D 100 can be dosed both concentrated and diluted. The product can be mixed in any ratio and dosed with Albaphos® products. The amount of product required depends on the quality of the feed water, the amount of iron in it and the operating pressure. The metering pump must be made of chemically resistant materials. The product is dosed straight to the feed water tank.

#### **PACKAGE**

Plastic bins (20 kg), plastic drums (240 kg) and containers (1100 kg).

#### **PROCESS CONTROL**

Technical control of the process is required to assess the effectiveness of the use of this reagent. For this purpose, the technical consulting department of ŠOMIS has been created to provide consulting and control analysis. Technical consultations and maintenance are carried out under a separate agreement.

#### **CERTIFICATION**

Our quality management system (ISO 9001:2008) and environmental management system (ISO 14001:2005) are DQS certified.

#### **NOTE**

The information provided is based on practical experience. We guarantee high quality of the product. The described product has a specific range of activities. Water composition, technical conditions and specifics of production may not correspond to this product's range of action. In this case, we can offer you solutions based on other products.