

Turbodispin® D 83

Non-ionic biodispersion agent for water treatment in cooling systems

APPLICATION

Turbodispin® D 83 has excellent dispersion properties and dissolves organic impurities in industrial water systems. When dosed with biocides and chlorine, it increases their biocidal effect.

The product dissolves organic impurities in filters, improving their throughput.

SPECIFICATION

Active agents:	organic copolymers
Form:	clear liquid
pH value:	about 4 - 7
Density (20°C):	about 1 g/cm ³
Freezing point:	about -2°C
Point of turbidity:	about 40°C
Point of turbidity (1%):	about 30°C
Viscosity(20°C):	about 25 mPas

Turbodispin® D 83 is non-toxic and waste water has no environmental impact when using the recommended dosage.

ACTION

Turbodispin® D 83 is resistant to hydrolysis and chlorine. Thanks to the surface active substances, the silt and microbiological flora in the water is kept suspended. Active chlorine easily stops the growth of microorganisms and sludge. When using Turbodispin® D 83 at temperatures below 25°C, it slightly foams. When used together with biocides, the need for biocides is reduced and heat transfer in heat exchangers is increased.

DOSAGE

Turbodispin® D 83 can be dosed in concentrated or diluted with shock doses or continuously using a dosing pump. The required concentration depends on the water properties and is between 5 - 50 g/m³.

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.