



Färber & Schmid
Chemie · Technik

ZetaPol 8800-MR

Powder flocculant

The new chemical formula with metal precipitation properties

ZetaPol 8800-MR is a blended product based on natural minerals. It is a powdered, semi-granular formulation, which is added directly into the waste water. The components of the formulation dissolve and react in sequence. ZetaPol 8800-MR work by ion exchange, coagulation, flocculation and precipitation. This product combines a good flocculation with metal precipitation.

ZetaPol 8800-MR offers many advantages over traditional polymeric flocculants. Significantly improves the dewatering of the sludge and prevents bonding of the filter press or filter media. Higher solid content in the mud cake is possible compared to standard polymeric flocculants. The special composition of this product results in a very shear stable flocculation that rapidly separates from waste water streams.

Usually encapsulates the contaminants to prevent them leaching back out of the sludge at the landfill site. This reduces the hazardous classification of the sludge and hence substantially reduces disposal costs. The operator receives an easy to use product. This product is due to its high concentration very efficient.

Technical Properties

Bulk Density (g/cm ³) at 20°C	0,90
pH-value	Not applicable
Application temperature (°C)	20 – 50
Water solubility (%)	no
Operation concentration kg/m ³	0,1 – 1,5
Recommended dose kg/m³	0,2 – 0,9

Applications

Galvanic Companies	++	Lacquer Factories	++
Printed Circuit Boards	++	Mining Companies	++
Sewage Plants	+	Textile Industry	++
Waste Disposal	++	Chemical Industry	++

++ very
recommended

+ recommended

o possible

– not recommended

General Indications

The product is used as delivered.
The product should not be diluted with water.
Reaction time is about 15 minutes
The product does not change the pH-value substantially.
Recommended pH-value : 7,0 - 10,0
Removes suspended and colloidal solids from treated waste water.
The resulting sludge can dewater very well.
Removes turbidity.
Special benefits: stable flocculation – clear water – good sedimentation – low price – metal precipitation (Ni, Cu, Zn)
Storage condition : Humidity has to be avoided, minimum temperature not below 0 °C



ISO 9001 / ISO 14001