

ZetaPol 8812-SP

Powder flocculant
The new chemical formula



Färber & Schmid
Chemie · Technik

ZetaPol 8812-SP 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 8812-SP work by ion exchange, coagulation, flocculation and precipitation. Perfect if high contamination of oil, fat, surfactants and cleaners are in the waste water. Also perfect for splitting emulsions and paint-dispersions.

ZetaPol 8812-SP 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	0,9
pH-value	Not applicable
Application temperature (°C)	20 – 50
Water solubility (%)	no
Operation concentration kg/m ³	0,3 – 4,0
Recommended dose kg/m³	0,5 – 2,0

Applications

Galvanic Companies	++	Lacquer Factories	++
Printed Circuit Boards	++	Mining Companies	++
Sewage Plants	+	Textile Industry	++
Waste Diposal	++	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 appr. 10-20 minutes.

The pH-value is not changed by adding ZetaPol 8812-SP.

Recommended pH-value : 7,0 - 10,0

Removes suspended and colloidal solids from treated waste water.

Removes turbidity.

The resulting sludge can be dewatered very well.

Special benefits: stable flocculation – big flocs – clear water – rapid sedimentation – high splitting properties – optimised dewatering ability

Storage condition : Humidity has to be avoided, minimum temperature not below 0°C



ISO 9001 / ISO 14001