

The chemistry is right.

Separ products are environmentally friendly and save resources.

SEPAR
CHEMIE 





Our concept for environmentally-friendly water-treatment

Continuously rising quality of standards constitute a major challenge for producers in a variety of industries. Environmentally-friendly water-treatment plays an ever increasing role alongside ecological product manufacturing.

For this reason SEPAR CHEMIE GmbH produces and supplies products, which aim to promote and improve the sustainability of our customers' production processes. In addition reduced water consumption or less raw material usage for example can play a role. We are continually researching and expanding our „green line“ range. In this brochure we cover our current range.

FILTER AIDS ON THE BASIS OF NATURAL ROCK:

As filter aids we recommend products, which are produced with a basis of perlite and bentonite. Perlite is a naturally occurring rock of volcanic origin, which is used as a filter aid in various industries, e.g. in the food industry.

Besides a high filter performance and a good environmental compatibility the perlite-products show a very low density. This leads, when compared for example to the frequently-used diatomaceous earth, to a lower consumption and also lower disposal costs.

LESS SLUDGE, LESS DISPOSAL COSTS:

With water treatment a lot of sludge is often produced, which is expensive and laborious to remove. To produce less sludge, ask about our AM-products, which without the carrier substance bentonite, show excellent cleaning qualities.

OUR PLANT-BASED PRODUCTS:

- Have excellent flocculation – or coagulation characteristics
- Are highly suitable to replace metal salts
- Are available with up to 100% active substances
- Are available in liquid or solid form

To address the various requirements of our customers, e.g. when dealing with sensitive or food related processes, we also offer, in addition to oil- and surfactant free products, products which are free of polyacrylamide.

OIL- AND SURFACTANT-FREE PRODUCTS

Our oil and predominantly surfactant-free products make it possible to treat wastewater residue-free in sensitive fields of application.

	Oilfree	Surfactant-free	Water-based	Starch-based	100% degradable	Plant origin
POLY SEPAR® KW-range	X	X	X	o	o	o
POLY SEPAR® AW-range	X	X	X	o	o	o
POLY SEPAR® CFL25 / CFL20	X	X	X	o	X	X
POLY SEPAR® CFL PT	X	X	X	o	X	X
POLY SEPAR® SA + SK	X	X	o	X	o	X
POLY SEPAR® L-products	X	o	X	o	o	o

Our products can be used as coagulants or as polymer flocculation aids for the separation of solids as well as liquids. In addition they are a very good alternative to metal salts. The starch-containing products are particularly suited for fields, where the use of synthetic polymers is forbidden. Our L-products are ready-to-use solutions and can be employed directly without further preparation.

POLYACRYLAMIDE-FREE PRODUCTS:

- Excellent for application in sensitive and food-related processes
- Well-suited, if for example there exist legal requirements for the use of polyacrylamide

Certified products:

XXXVI TH RECOMMENDATION

You will find some products in our range, which are subject to the special requirements of the XXXVIth Recommendation of the BfR (Federal Institute of Risk Assessment). Therefore they can be used for tissue paper products and food packaging. Ask for our AW- and KW-range.

GENERALLY RECOGNIZED AS SAFE

The **GRAS**-certificate is issued by the US American Food and Drug Administration (FDA) for products which are classified as safe. These products can be added for instance as supplements for feed production.

DRINKING WATER CERTIFICATE

Products which can be used for drinking water treatment and which do not exceed the permitted limit for monomers have been awarded this certificate. This certificate has not yet been obtained for the German market. To date the approval has been granted for some European countries.

KOSHER PRODUCTS

In our range we offer products which fulfil the special criteria of kosher directives. This includes the Perlite-flocculant aids from our FA-series and a whole range of other polymer flocculation aids from our product range.

HALAL PRODUCTS

Furthermore we offer products which are produced following the Islamic purity requirements. These certified products contain only Halal permitted parts.