The chemistry is right.

Our products take care of
the environment and resources.

SEPAR CHEMIE

www.separ-chemie.de

Our concept for environmentally compatible water-treatment

Continuously rising quality 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, a reduced water consumption or less raw material usage ,for instance, can play a role. We are continually researching and expanding our range.

MINERAL OIL- AND SILICONE-FREE DEFOAMERS

Our product **POLY SEPAR® DEFO 95** is a plant-based defoamer, which lends itself ideally to application in waste-water treatment, the food and textile industry as well as paper production. The rate of biological degradability after 28 days is more than 70 %.

PRODUCTS NON-HAZARDOUS TO WATER

The polymer flocculants of our **POLY SEPAR® L**-range have mostly been graded as non-hazardous to water. These ready-to-use solutions can be applied directly without further preparation.

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

SEPAR CHEMIE

	oil-free	surfactant-free	water-based	starch-based	readily degradable	plant origin	silicon-free	biopolymer
POLY SEPAR® KW-range	X	X	X				X	
POLY SEPAR® AW-range	X	X	X				X	
POLY SEPAR® CFL 25	X	X	X			X	X	X
POLY SEPAR® SA + SK	X	X		X	X	X	X	X
POLY SEPAR® L-products	X		X				X	
POLY SEPAR® DEFO 95	X		X		X	X	X	

POLYACRYLAMIDE-FREE PRODUCTS

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

OIL- AND SURFACTANT-FREE PRODUCTS

Our range of oil and predominantly surfactant-free products make it possible to gently treat waste-water in sensitive fields of application.

LESS SLUDGE, LESS DISPOSAL COSTS

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

FILTER AIDS ON THE BASIS OF NATURAL RESOURCES

As filter aids we recommend products which are produced on the basis of cellulose and bentonite.

SEPAR CHEMIE

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Certified products:

XXXVI TH RECOMMENDATION FOR THE PAPER INDUSTRY

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 **POLY SEPAR® AW**- and **KW**-range for example.

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, for instance for packaging or supplements.

DRINKING WATER CERTIFICATE

Products which can be used for drinking-water treatment also form part of our product range. These products fulfil the legal requirements and are therefore permitted for the treatment of drinking water.

KOSHER PRODUCTS

In our range we offer products which fulfil the special criteria of cosher directives.

HALAL PRODUCTS

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

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