

Waste Water Treatment

Combine Performance with Security




The Chemical Company

Waste Water Treatment: Combine Performance with Security

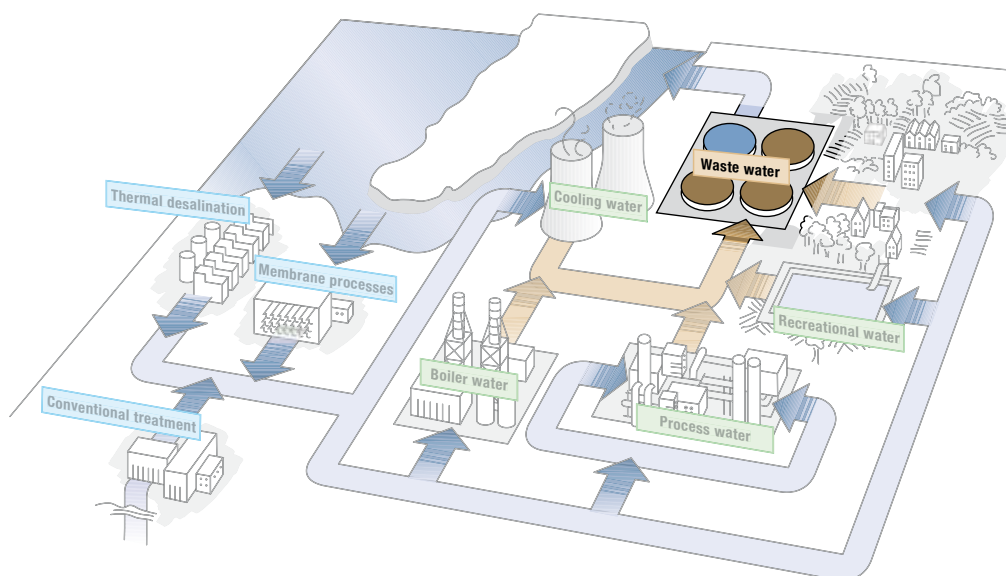
BASF provides a comprehensive range of water treatment chemicals including flocculants and coagulants especially designed for the solid/liquid separation process in the industrial and municipal waste water treatment sector. A long history of consistent quality and high performing products manufactured around the globe on world-scale, state-of-the-art production plants is making us a reliable partner to serve the needs of the water industry.

Therefore, BASF is involved in customer projects from their inception to their completion. This includes testing on-site and at our regional lab facilities resulting in:

- Optimized solid/liquid separation process
- Excellent sludge dewatering results
- Lower transportation and disposal costs

... and thus more efficient and cost-effective operations.

With our expertise in water treatment chemicals, our long-term industry commitment and our unique capability to drive innovation, we provide solutions to meet future needs. It's because at BASF, we create chemistry.



BASF Portfolio for Waste Water Treatment

		Mixed Liquor Suspended Solids Settlement Aid	Physico/Chemical Sewage Treatment	Sludge Thickening/Dewatering	Coagulation	Coagulant Aid	Raw Water Treatment	Industrial Effluent Coagulant/Flocculant	Sugar Processing	Textile Effluent Color Removal	Organic Sludge Thickening/Dewatering	Inorganic Sludge Thickening/Dewatering	
NON-IONIC/ANIONIC	POWDER/MICRO-BEAD	Zetag® 1100	•				•	•				•	
		Zetag® 4100	•				•	•				•	
		Zetag® 4105	•				•	•				•	
		Zetag® 4110	•				•	•				•	
		Zetag® 4120	•				•	•				•	
		Zetag® 4125	•				•	•				•	
		Zetag® 4139	•				•	•				•	
		Zetag® 4145	•				•	•				•	
		Zetag® 4190	•				•	•				•	
	POWDER	Magnafloc® LT 20		•	•		•		•	•			
		Magnafloc® LT 25		•	•		•		•	•			
		Magnafloc® LT 27		•	•		•		•	•			
		Magnafloc® LT 27AG		•	•		•	•	•	•			•
		Magnafloc® LT 30		•	•		•	•	•	•			•
		Magnafloc® LT 340		•	•		•	•	•	•			•
ORGANIC COAGULANTS	LIQUID	Magnafloc® LT 7991	•	•		•		•		•	•	•	
		Magnafloc® LT 7981	•	•		•		•		•	•	•	
		Magnafloc® LT 31	•	•		•		•		•	•	•	
		Magnafloc® LT 32	•	•		•		•		•	•	•	
		Magnafloc® LT 35	•	•		•		•	•	•	•	•	•
		Magnafloc® LT 37	•	•		•		•	•	•	•	•	•
		Magnafloc® LT 38	•	•		•		•	•	•	•	•	•

		CATIONIC												
		Primary Sludge Thickening/Dewatering	Digested Primary Sludge Thickening/Dewatering	Primary/Biological Sludge Thickening/Dewatering	Digested Primary/Biological Sludge Thickening/Dewatering	Biological Sludge Thickening/Dewatering	Digested Biological Sludge Thickening/Dewatering	Mixed Liquor Suspended Solids Settlement Aid	Physico/Chemical Sewage Treatment	Sludge Thickening/Dewatering	Coagulant Aid	Industrial Effluent Coagulant/Flocculant	Organic Sludge Thickening/Dewatering	Inorganic Sludge Thickening/Dewatering
MICRO-BEAD	Zetag® 7523	●	●						●	●	●	●	●	●
	Zetag® 7565	●	●	●	●				●			●	●	
	Zetag® 7563	●	●	●	●				●			●	●	
	Zetag® 7557			●	●	●	●	●	●			●	●	
	Zetag® 7553			●	●	●	●	●	●			●	●	
	Zetag® 7587			●	●	●	●	●	●			●	●	
	Zetag® 7583			●	●	●	●	●	●			●	●	
	Zetag® 7593			●	●	●	●	●	●			●	●	
POWDER	Zetag® 7645	●	●	●	●				●			●	●	●
	Zetag® 8110	●	●	●	●				●			●	●	●
	Zetag® 7650	●	●	●	●				●			●	●	●
	Zetag® 8125	●	●	●	●				●			●	●	●
	Zetag® 8140	●	●	●	●				●			●	●	
	Zetag® 7652	●	●	●	●				●			●	●	
	Zetag® 8160			●	●	●	●	●	●			●	●	
	Zetag® 8165			●	●	●	●	●	●			●	●	
	Zetag® 8180			●	●	●	●	●	●			●	●	
	Zetag® 8185			●	●	●	●	●	●			●	●	
	Magnafloc® LT 22								●	●	●	●		
	Magnafloc® LT 22S								●	●	●	●		
INVERSE EMULSION (IE)	Zetag® 8818			●	●	●	●	●	●			●	●	
	Zetag® 8848FS			●	●	●	●	●	●	●		●	●	
	Zetag® 8868FS			●	●	●	●	●	●	●		●	●	●
	Zetag® 9014			●	●	●	●	●	●			●	●	
	Zetag® 9016			●	●	●	●	●	●			●	●	
	Zetag® 9018			●	●	●	●	●	●			●	●	
	Zetag® 9019			●	●	●	●	●	●			●	●	
	Zetag® 9046FS			●	●	●	●	●	●	●		●	●	
	Zetag® 9066FS			●	●	●	●	●	●	●		●	●	
	Zetag® 9048FS			●	●	●	●	●	●	●		●	●	
	Zetag® 9068FS			●	●	●	●	●	●	●		●	●	
	Zetag® 9049FS			●	●	●	●	●	●	●		●	●	

Zetag® Flocculant Technology

For many years cationic polyacrylamide flocculants have been used in the sludge dewatering process. Optimizing the dewatered biosolids is essential to maintain the sustainability and efficiency of the process. Higher cake solids reduces the energy required for transporting and disposing at a landfill. Furthermore, if the cake is dry enough it can be incinerated as fuel to generate energy. Our customers are seeking the best performance in order to optimize their dewatering process. The comprehensive range of BASF's Zetag® flocculants ensures that the solid-liquid separation process is tailored, cost-effective and efficient.



Magnafloc® LT Flocculant and Coagulant Technology

The products in the Magnafloc® LT range of organic coagulants and high molecular weight flocculants can be used for a wide range of solid/liquid separation situations. The flocculants enable highly efficient and cost-effective effluent treatment, while the coagulants can be used in more demanding processes, such as color removal. Many of the Magnafloc® LT products are approved for use in drinking water and sugar processing applications.



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Safety

We know of no ill effects that could have resulted from using our products for the purpose for which they are intended and from processing them in accordance with current practice. According to the experience we have gained up to now and other information at our disposal, our products do not exert any harmful effects on health, provided that they are used properly, due attention is given to the precautions necessary for handling chemicals, and the information and advice given in our safety data sheet are observed.

Labeling

Details about the classification and labeling of our products and further advice on safe handling are contained in the current safety data sheets.

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