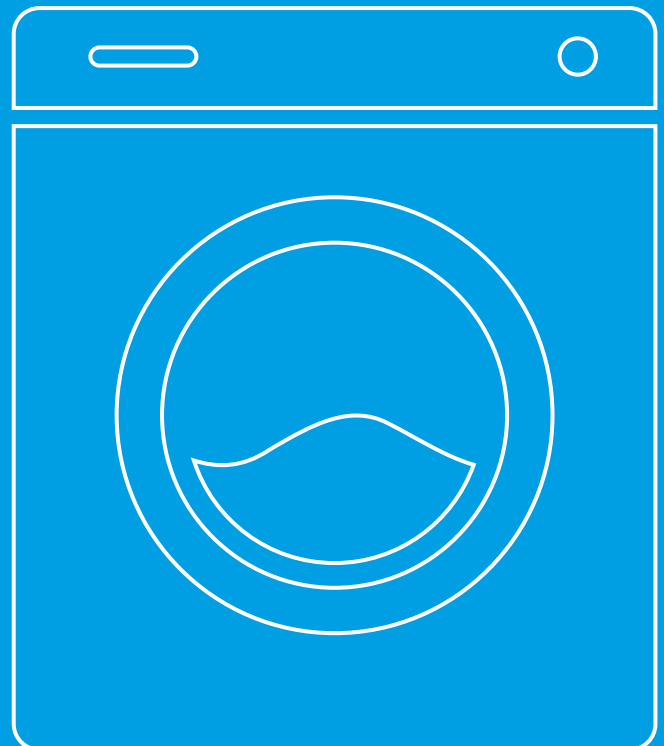
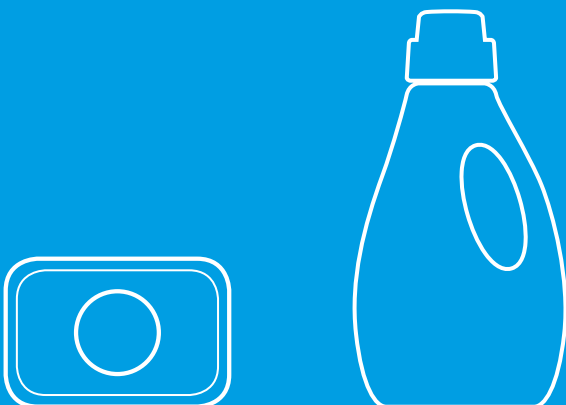


Peractive[®] TAED

The clean and hygienic way of bleaching

Peractive[®] TAED (Tetraacetylenediamine) describes a range of effective bleach activators. In combination with sodium percarbonate (SPC) or H_2O_2 they enable the removal of bleachable stains from fabrics and dishes at temperatures from 30 to 60 °C. Additionally they provide a high standard of hygiene in automatic dishwash and laundry applications by the in-situ generation of peroxyacetic acid. Peractive[®] TAED bleach activators are produced with high purity in a solvent-free process with water as only by-product. They are safe for consumers and the environment, have a low toxicological/ecotoxicological profile and are readily biodegradable.



Peractive® TAED

The clean and hygienic way of bleaching

Benefits

Peroxyacetic acid (PAA) is generated in situ from Peractive® TAED and sodium percarbonate (SPC). It is a multifunctional ingredient in laundry and automatic dishwash products that fulfills a number of tasks in the washing process:

- Oxidative removal of a broad number of colored stains – especially fruit and juice stains
- Hygiene and malodor prevention due to biocidal action on a broad range of germs
- Prevention of biofilm formation on machine surfaces
- Color and fabric safe
- Peractive® TAED grades are compatible with most detergent ingredients

Product Description

- Available as free flowing powder or as storage stable granules
- Good water solubility
- Optimum temperature range from 30 to 60 °C
- Optimum pH-range from 9 to 11
- Ratio persalt : TAED 2:1 to 3:1 (molar basis)

	Peractive® P	Peractive® AC White	Peractive® AC White F	Peractive® AC Green	Peractive® AC Blue	Peractive® AN	Peractive® CB
Type	Powder	Agglomerate				Agglomerate	Compactate
Appearance	Pale yellow free flowing powder	Cream colored granules	Cream colored granules	Green granules	Blue granules	Cream colored granules	Cream colored granules
Particle	Needles	Spherical				Spherical	Aspherical
Active Content (%)	Min. 99	90 – 94				84 – 90	90 – 94
Binder	–	CMC				Nonionic	Bentonite
Particle size range (µm)	45 – 150	200 – 1600	200 – 1000	200 – 1600	200 – 1600	200 – 1600	200 – 1600
Bulk Density (g/l)	450 – 550	350 – 580				400 – 500	630 – 730
pH	4 – 6	6 – 8				4 – 6	6 – 8
Recommended usage level (%)	1 – 8	1 – 9				1 – 9	1 – 9

Application Areas

PRODUCT	HOME CARE					FABRIC CARE						I & I			
	Manual Dishwashing	Automatic Dishwashing			Hard Surface Cleaning	Laundry Detergents					Laundry Aids – Spot and Stain Remover	Fabric Softener	Industrial Cleaner	Institutional Cleaner	Ware-washing
		Liquids	Powders	Tablets		Powder Detergents	Detergent Tablets	Liquid Detergents	Special Detergents						
Peractive® TAED															
Peractive® P		•	•			•	•			•		•	•	•	•
Peractive® AC White		•	•			•	•			•		•	•	•	•
Peractive® AC White F		•	•			•	•			•		•	•	•	•
Peractive® AC Green		•	•			•	•			•		•	•	•	•
Peractive® AC Blue		•	•			•	•			•		•	•	•	•
Peractive® AN		•	•			•	•			•		•	•	•	•
Peractive® CB		•	•			•	•			•		•	•	•	•

Further application areas in denture cleansers and industrial bleaching for pulp & paper and textile industry.

This brochure does not constitute any representation or warranty and may not be treated as an offer to supply Product. We would be pleased to provide you a binding offer to supply Product meeting your individual needs and requirements.



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