



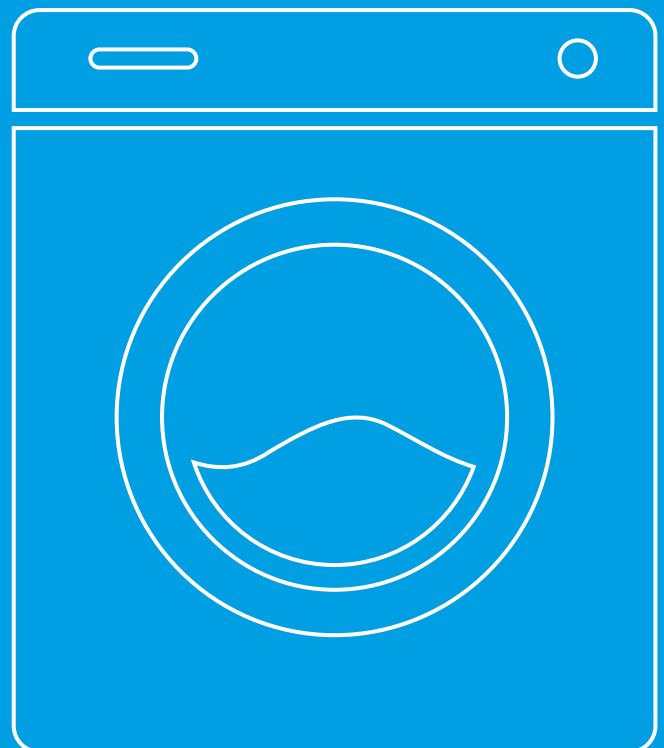
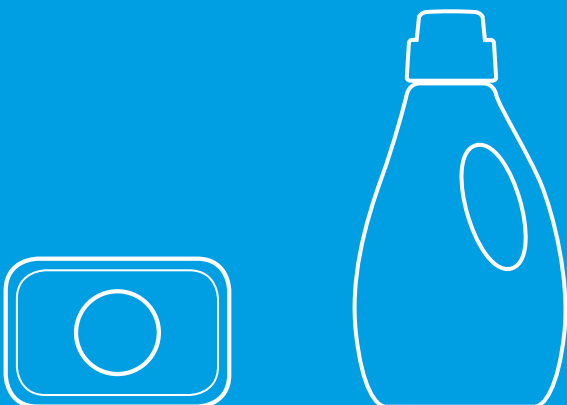
Better chemistry – achieving more.

WeylClean[®] MnOX / FDO ANC

The green alternative for automatic dishwashing

WeylClean[®] MnOX and FDO ANC are bleach catalysts mimicking natural oxidation reactions by manganese containing enzymes. In combination with persalts (e.g. sodium percarbonate) or H₂O₂ they significantly improve the removal of tea stains in automatic dishwashing (ADW) applications, also at lower temperatures.

WeylClean[®] catalysts are available as pure MnOX powder (WeylClean[®] MnOX) or as granulates with the bleach activator TAED for easier handling and additional hygiene (WeylClean[®] FDO ANC). Being catalysts, they are used at very low concentrations and save valuable formulation space.



WeylClean® MnOX / FDO ANC

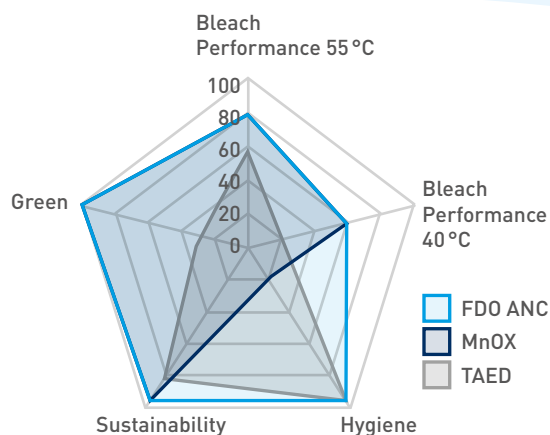
The green alternative for automatic dishwashing

Benefits

- Natural inspired “green” catalyst for bleaching in ADW
- Improved tea stain removal at 40 – 60 °C in comparison to TAED
- Readily biodegradable according to OECD 301 test methods – suitable for Eco labeled products
- Provides hygienically clean dishes (WeylClean® FDO ANC)

Product Description

- Optimum pH range of washing liquor from 10.2 to 10.5



	WeylClean® MnOX	WeylClean® FDO ANC
Type	Catalyst powder	Activator & catalyst co-granule
Appearance	White free-flowing powder	Cream colored granules
Active content		
Catalyst (%)	Min. 99	15 – 19
TAED (%)	–	56 – 60
Binder		
Citric Acid (%)	–	8 – 12
PEG 600 (%)	–	12 – 18
Particle size (µm)	< 200	400 – 1600
Bulk density (g/l)	600 – 900	500 – 700
pH	5 – 6	2 – 4
Recommended usage level (%)	0.10 – 0.20	1 – 2
Recommended dosage of catalyst per wash (mg/20g dose)	30	200

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	Warewashing
		Liquids	Powders	Tablets		Powder Detergents	Detergent Tablets	Liquid Detergents	Special Detergents					
WeylClean® Catalysts														
WeylClean® MnOX		•	•											•
WeylClean® FDO ANC		•	•											•

WeylClean® MnOX and FDO ANC should not be used in laundry applications, as fabric damage cannot be ruled out.

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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