

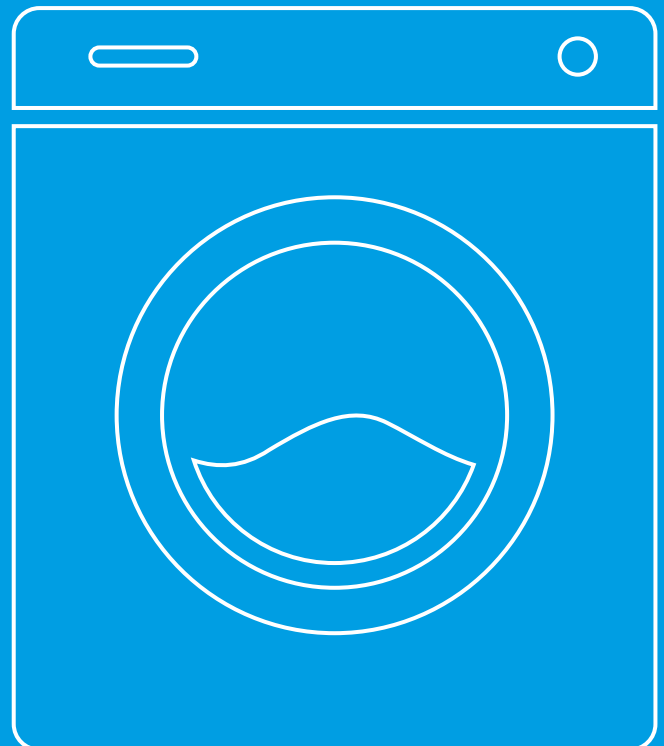


Better chemistry – achieving more.

WeylClean® SKS-6

The performance builder for phosphate-free formulations

WeylClean® SKS-6, a layered sodium disilicate ($\delta\text{-Na}_2\text{Si}_2\text{O}_5$), is a modern builder which improves primary and secondary washing effects of laundry and automatic dishwash detergents. It softens water without forming precipitates. WeylClean® SKS-6 can absorb and carry liquid components helping to increase detergent compactness. WeylClean® SKS-6 is produced from sand and caustic soda via spray drying and a specially designed crystallization process. WeylClean® SKS-6 is safe for consumers and the environment and has a favorable ecological profile.



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Benefits

- Provides alkalinity which improves primary washing effects
- High binding capacity for Ca²⁺, Mg²⁺ and heavy metal ions
- High liquid absorption capacity for surfactants and polymers increasing detergent compactness
- Improves secondary washing effects by dispersing soil in the washing liquor
- Due to its solubility WeylClean® SKS-6 is ecofriendly as it reduces the amount of sewage sludge produced in treatment plants
- Better performance compared to Sodium Triphosphate – no need for additional cobuilder
- Reduction of fabric incrustation in laundry processes
- Prevention of glass corrosion in dishwashing processes

Special benefits of WeylClean® SKS-6 WB in comparison to the WeylClean® SKS-6 powder grade:

- Better handling & less dust formation
- Better processability due to high liquid uptake

Product Description

	WeylClean® SKS-6 P	WeylClean® SKS-6 Gr	WeylClean® SKS-6 WB
Type	Layered Sodium Disilicate	Layered Sodium Disilicate	Layered Sodium Disilicate
Appearance	White powder	White granules	White granules
Active content	Min. 99	Min. 99	67 – 79
Binder	–	Water	Sodium salt of polycarboxylic acid
Particle size range (µm)	50 – 200	210 – 1180	160 – 1600
Bulk density (g/l)	500 – 670	Min. 840	500 – 700
pH at 20 °C, 1 g/l, 10 min	11.4 – 12.0	11.4 – 12.0	10.0 – 11.0
pH at 20 °C, 10 %, 10 min	–	–	12.6 – 13.6
Recommended usage level (%)	3 – 20	3 – 20	4 – 25

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® SKS-6														
WeylClean® SKS-6 P		•				•								
WeylClean® SKS-6 Gr		•	•			•	•				•	•	•	•
WeylClean® SKS-6 WB		•	•			•	•				•	•	•	•

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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