

SKS-6®

The performance builder for a bright future

Multifunctional builder ✓

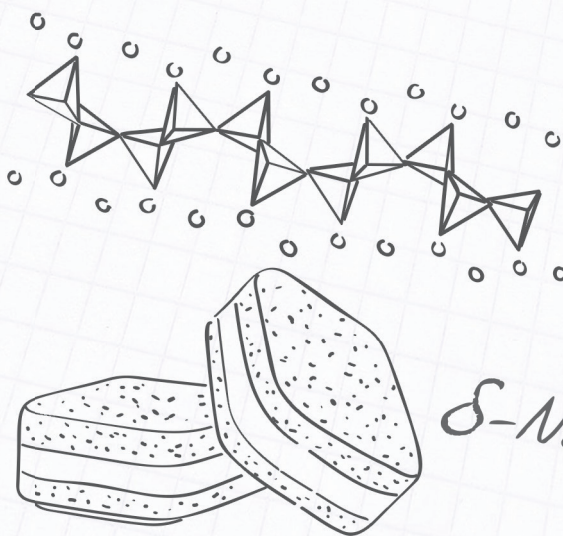
Favourable ecological
profile ✓

Good water softening
capability ✓

Compatible with sensitive
detergent additives ✓

Good heavy metal
binding capacity ✓

Wide range
of applications ✓



We live know-how.

WEYLCHEM

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ADVANTAGES

SKS-6®, a layered sodium disilicate ($\delta\text{-Na}_2\text{Si}_2\text{O}_5$), is a modern water softening system which works via ion exchange processes without formation of precipitates. It shows excellent calcium and magnesium ion elimination especially at low water hardness conditions. SKS-6® is produced from sand and caustic soda via a spray-drying and a specially designed crystallization process. SKS-6® is safe for consumers and environment and has a favourable ecological profile.



FEATURES OF SKS-6®

SKS-6® is a multifunctional ingredient and fulfills a number of tasks in the washing process:

- Water softening, high binding capacity for Ca^{++} and Mg^{++} ions
- High reserve alkalinity
- Replacement for zeolite
- Improves primary washing effects
- Disperses soil in washing liquor
- Bleach stabilizer absorbs moisture and binds heavy metals
- High liquid absorption capacity for surfactants and polymers
- Reduction of fabric incrustation in laundry processes
- Prevention of glass corrosion in dishwashing processes
- Reduces amount of sewage sludge due to solubility

Application areas

SKS-6® is available as free-flowing powder. In addition, a range of tailor-made, storage stable granules guarantee best performance in a wide range of applications: solid laundry and automatic dishwashing detergents, water softeners, bleach boosters, I&I applications, pulp & paper bleach, and textile industry.



TECHNICAL PROFILE

- White powder, concentration approx. 100 %
- pH: 11.4 to 12.0
- Calcium binding capacity: min. 74 mg Ca/g
- Compatible with all other detergent ingredients

For details please refer to data sheets for SKS-6® powder and granules.



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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