



Britens SLS

Sodium Lauryl Sulphate

CAS nr: 151-21-3
EINECS nr: 205-788-1

Product information

Synonyms: Sodium Dodecyl Sulfate, $C_{12}H_{25}O_4S.Na$

Britens SLS is a strong anionic surfactant. It has been proven that SLS boosts the cleaning performances of Britens LAS and Britens AOS. So when adding SLS, less anionic is needed in total, rendering a better performing and/or cheaper detergent. The solubility of SLS depends on the carbon-chain length. C12C14 is best soluble but its particles are softer, creating more dust. C12C18 particles are hard granules, but its solubility is lower.

Sirius has chosen for the SLS carbon chain length of C12C16; the improved ratio between solubility and detergency. And Sirius is able to manufacture a stable granulate. In addition the degradability is readily.

Product specifications

	Unit	Specifications
Appearance		White to off-white Needles, Powder or Granulate
Active Matter	%	> 92 other % also available
Particle size	micron	customer specifications
pH value (1% solution)		8.0 - <11.5
Moisture Content	%	max. 3.5 (typical 2.0%)
Sodium sulphate, sodium chloride	%	max. 2

[Change specifications](#)

Commercial

Packaging: 25kg bag
Lead time: 8 weeks

Technical

Britens SLS can be irritating to skin and respiratory tract. Skin sensitisation has been reported. Cleaning performance is thorough.

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