



Product Data Sheet

PLANTAPON® LGC SORB

Labeling information

INCI name(s)

Sodium Lauryl Glucose Carboxylate (and) Lauryl Glucoside

Registrations

Ingredient	CASR-No.	EINECS/ELINCS-No.
	383178-66-3	no longer polymer
	110615-47-9	

Product properties

Appearance

Plantapon® LGC SORB is a clear, yellow liquid.

Example of use

Plantapon® LGC SORB is an anionic APG® Carboxylate with good foaming properties and excellent dermatological compatibility. The product retains the mildness of the nonionic Lauryl Glucoside while improving its foam and sensory profile. When incorporated in shampoos it contributes to hair softness and improves dry combing properties.

Plantapon® LGC SORB is recommended as a surfactant in shampoos, shower gels, facial washes and bubble bath formulations where mildness is required.

Characteristic values

The specifications stated in the paragraphs 'Quality control data' and 'Additional product descriptive data' finally and conclusively describe the properties of the Product.

Provisional quality control data

(Data which is used for quality release and is certified for each batch.)

Appearance	conforms to standard
Odor	conforms to standard

Active matter, %	28.5 - 34.0	Difference
pH value, 10 %	5.5 - 6.5	ISO 4316
Water content, %	62.0 - 67.0	ISO 4317
Sodium chloride, %	3.5 - 4.2	Cognis -Method 920017-01

Additional product descriptive data

(Data which is proven statistically but not determined regularly.)

Monochloro acetic acid	max. 5 ppm
Dichloro acetic acid	max. 30 ppm
Density (40°C)	1.02 - 1.04 g/cm ³
Sorbic acid. %	0.4 - 0.6

Storage and transportation

Plantapon® LGC SORB can be stored in original sealed containers and at temperatures below 30°C for at least one year. On account of its high salt content the product can have a corrosive effect during storage in stainless steel tanks.

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