

TECHNICAL DATA SHEET

Effective date: 11.2019
Rev. 1

Lauryl Surfactant

INFORMATION ON SUBSTANCE / MIXTURE

INCI	Lauryl glucoside
Description	Surfactant
Manufacturing process	Alkyl polyglucoside aqueous solution
Composition	D-Glucopyranose, oligomeric, C10-16-alkyl glycosides
Raw material basis	Vegetable: (coconut / palm kernel oil, glucose)
Chemical description	C 10 - 16 fatty alcohol glucoside

TECHNICAL DATA

Physical and chemical parameters

Appearance	Viscous liquid, below 38°C crystallization may occur
Color	Cloudy
Odor	Characteristic
Molecular weight	Approx. 433 g/mol
pH value (20 % in 15 % IPA/Water)	11.5 - 12.5
Fatty alcohol	Max. 0.80 %
Ash	Max. 2.00 %
Density (40°C)	1.07 – 1.09 g/cm ³
Viscosity (40°C)	1000 – 3000 mPa.s
Solubility	Ethyl ether: practically insoluble Chloroform: sparingly soluble Petrol ether: practically insoluble Ethyl alcohol: slightly soluble Paraffin oil: slightly soluble Water: sparingly soluble

Content

Water	47.0 - 50.0 %
Active matter	50.0 - 53.0 %
Preservatives	not present

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Antioxidants	not present
Solvents	not present
Others	not present

TRANSPORT, STORAGE and SHELF LIFE

Storage conditions	In original sealed containers and protected from moisture (< + 50 °C) If the product is stored at temperatures below 38° C crystallization may occur. Depending on the storage time sedimentation may occur. Therefore, the product should be heated and stirred until uniform before use. For easier handling the product can be warmed up to max. 50 °C for a short duration without influence onto the product specification.
Shelf Life	36 months under the recommended storage conditions
Custom Tariff	-

LEGISLATION

Certification	-
EINECS	-
CAS	110615-47-9
REACH pre-registration no.	-

DISCLAIMER

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