

TECHNICAL DATA SHEET

Effective date: 04.2019
Rev.1

Solubilizer

INFORMATION ON SUBSTANCE / MIXTURE

INCI	Caprylyl/Capryl glucoside; Aqua; Sodium cocoyl glutamate; Glyceryl caprylate; Citric acid; Polyglyceryl-6 oleate; Sodium surfactin
Manufacturing process	Mixing of components
Raw material category	Solubilizer
Origin of starting material	Vegetable; Fermentation
Chemical description	D-Glucopyranose, Oligomers, Decyl octyl glycosides; Water; L-Glutamic acid, N-coco acyl derivs., Monosodium salts; Octanoic acid, Monoester with glycerol; Citric acid; 9-Octadecenoic acid (9Z), Monoester with hexaglycerol; Sodium surfactin
Characteristics	100% naturally derived, compliant with COSMOS and other standards for natural cosmetics, composed of naturally derived surfactants and wetting agents, powerful replacement for PEG-containing solubilizers

TECHNICAL DATA

Physical parameters

Appearance	Viscous liquid
Color	Clear to brown
Odor	Characteristic
Relative density at 20°C	1,10 – 1,30 g/ml
Viscosity	1000 – 12000 mPa·s
pH value	5.0 -5.5
Critical micelle concentration (CMC)	0.6 g/l
Surface tension	24.4 mN/m
Hydrophilic-lipophilic balance (HLB) value	~16

Chemical parameters

Assay	~75 %
Preservatives	none
Antioxidants	none

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Solvent	~25 % water
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Composition

Caprylyl/ Capryl Glucoside	68515-73-1	> 50
Aqua/ Water	7732-18-5	> 10 – 25
Sodium Cocoyl Glutamate	68187-32-6	> 5 – 10
Glyceryl Caprylate	26402-26-6	> 1 – 5
Citric Acid	77-92-9	> 1 – 5
Polyglyceryl-6 Oleate	79665-92-2	> 1 – 5
Sodium Surfactin	302933-83-1	> 0,1 – 1

Biological parameters

Total plate count	< 100 cfu/g
Aerobic germs	< 100 cfu/g
Pathogenic organisms	no contamination possible

Residues from Manufacturing

Catalyst	not to be expected
Solvent	not to be expected
Others	not to be expected

Impurities

1,4-Dioxan	not to be expected
Ethylenoxide	not to be expected
Residual solvent	not to be expected
Monomers	not to be expected
Free amines	not to be expected
Nitrosamines	not to be expected

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Pesticides	not known
Polyaromatic hydrocarbons	not known
Other impurities	not known

TRANSPORT, STORAGE and SHELF LIFE

Storage conditions	Store in closed packaging, away from light, at a steady and moderate temperature.
Shelf Life	24 months, in closed packaging and the recommended conditions.
Customs code	-

LEGISLATION

Certification	-
EINECS	500-220-1; 231-791-2; 269-087-2; 247-668-1; 201-069-1; Polymer; 444-240-8
CAS	68515-73-1; 7732-18-5; 68187-32-6; 26402-26-6; 77-92-9; 79665-92-2; 302933-83-1

DISCLAIMER

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