

Technical Information

Lanette® O

PRD 30528249

Valid since	24.04.2018
Revision	12.0
WF-No.	12898
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Care Chemicals**Consistency Factors****INCI name(s)**

Cetearyl Alcohol

Chemical description

Cetyl stearyl alcohol

Physical form:

Yellow wax having semi-translucent to opaque appearance which is supplied in pellets and flakes

Molecular weight

approx. 260 g/mol

CASR-No.	Ingredient
67762-27-0	Cetyl stearyl alcohol

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.

Quality control data

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

Test property	Specification
Appearance	Corresponds to the standard
Odor at room temperature	Corresponds to the standard
Acid value	max. 0.10 mg KOH/g
Iodine value	max. 0.50 g I/100 g
Hydroxyl value	215.0 - 225.0 mg KOH/g
Saponification value	max. 1.00 mg KOH/g
Melting point/range	49.0 - 56.0 °C
Chain distribution	
C 14	max. 3.0 %
C 16	45.0 - 55.0 %
C 18	45.0 - 55.0 %
C 20	max. 3.0 %

Specific methods used for batch release see Certificate of Analysis.

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Care Chemicals**Additional product descriptive data**

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

Test property	Specification
Hydrocarbons	max. 0.50 %
Water	max. 0.10 %
Color Hazen/APHA	max. 10

Specific methods used for batch release see Certificate of Analysis.

Storage information**Shelf life**

24 months

Storage temperature

< + 40 °C

Storage conditions

In original sealed containers and protected from moisture

Additional information

At higher temperatures, this product may melt and re-solidify upon cooling to form larger agglomerates or lumps. This type of change does not affect the product quality. Do not stack pallets neither by transportation nor by storage

Stabilising additives / Auxiliaries**Preservatives**

not present

Antioxidants

not present

Solvents

not present

Others

not present

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General information

Raw material basis

Vegetable: (coconut / palm kernel oil)

Composition hints for finished product label

INCI Components

INCI Name (US/EU/CN)

Cetearyl Alcohol

Content

Complete *

* Complete means conclusively describes the substance

Product properties

Solubility

Ethylether:	freely soluble
Chloroform:	freely soluble
Petrolether:	practically insoluble
Ethylalcohol:	freely soluble
Paraffin oil:	practically insoluble
Water:	practically insoluble

Miscellaneous information

Example of use

On account of its consistency giving characteristics the product is mainly used for viscosity regulation in cosmetic O/W emulsions.



We create chemistry

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Care Chemicals

Intended for use as cosmetic ingredient

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