

## Technical Information

**Lanette® 18**

PRD 30530432

Valid since	18.07.2023
Revision	3.1
WF-No.	27896
Page	1 of 4

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**Care Chemicals****Consistency Factors****INCI name(s)**

Stearyl Alcohol

**Chemical description**

Stearyl Alcohol, cosmetic grade

**Physical form:**

White to light yellowish hydrophilic wax supplied in pellets or flakes or liquid in tanks

**Molecular weight**

approx. 270 g/mol

CASR-No.	Ingredient	Remark
112-92-5	Octadecan-1-ol	

**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	Test method
Appearance at room temperature	Corresponds to the standard	Internal method 93000601
Odor at room temperature	Corresponds to the standard	Internal method 93000701
Acid value	max. 0.10 mg KOH/g	ISO 660
Iodine value	max. 0.70 g I/100 g	ISO 3961
Hydroxyl value	205.0 - 210.0 mg KOH/g	ISO 4326
Saponification value	max. 0.50 mg KOH/g	ISO 3657
Solidification point/range	55.0 - 58.0 °C	ISO 3841
Color Hazen, APHA	max. 10	ISO 6271
Chain distribution		Internal method 97005901
C16	max. 4.0 %	
C18	min. 95.0 %	
C20	max 3.0 %	



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### Additional product descriptive data

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

Test property	Specification	Test method
Water content	max. 0.10 %	ISO 4317
Hydrocarbons	max. 0.50 %	Internal method 97005901

## Storage information

### Shelf life

24 months

### Storage temperature

<= 40 °C

### Storage conditions

In original sealed containers and protected from moisture

### Additional information

To avoid potential melting during transportation for packed material, the recommended maximum shipping temperature is 40 °C. 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. In refined steel tank (e.g. Material-No. 1.4571) at temperatures below 60 °C Lanette® 18 can be stored for approx. 2 weeks without changing the specification. During longer storage shut off heating. If necessary heat up again under low pressure steam.

## 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)

Stearyl 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.



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**Care Chemicals**

### Intended for use as cosmetic ingredient

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