

## Technical Information

**Eumulgin® S 21**

PRD 30530404

Valid since 01.08.2019  
Revision 8.0  
WF-No. 20943  
Page 1 of 3

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**Care Chemicals****Emulsifier O/W****INCI name(s)**

Steareth-21

**Chemical description**

Stearyl alcohol, ethoxylated (21 EO)

**Physical form:**

White solid, with a faint characteristic odor, which is supplied in pellets

CASR-No.	Ingredient
9005-00-9	Steareth-21

**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
Hydroxyl value	44.0 - 52.0 mg KOH/g	ISO 4326
pH value (20 °C; 5 % in water)	6.0 - 7.5	EN 1262

**Additional product descriptive data**

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

Test property	Specification	Test method
Water content	max. 1.50 %	ISO 4317
Ethylenoxid	max. 1.0 ppm	Internal method 92001403
1,4-Dioxan	max. 1.0 ppm	Internal method 92002103
Acid value	max. 2.00 mg KOH/g	ISO 660



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## Storage information

### Shelf life

18 months

### Storage temperature

< + 30 °C

### Storage conditions

In original sealed containers and protected from moisture

### Additional information

The size and shape of the pellets can be subject to slight variability within a batch and comparing different batches due to the specific production conditions (slight differences in product's temperature, environment temperature, production speed, start and shut down phases etc.) and therefore appearance cannot be specified exactly. A possible discoloration does not affect the product's performance. Agglomeration and lumping in various degrees at higher temperature is product typical and doesn't negatively affect the product quality.

## Stabilising additives / Auxiliaries

### Preservatives

not present

### Antioxidants

not present

### Solvents

not present

### Others

not present

## General information

### Raw material basis

Vegetable: (coconut / palm kernel oil)  
Petrochemical: (ethylene oxide)



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## Composition hints for finished product label

### INCI Components

#### INCI Name (US/EU/CN)

Steareth-21

#### Content

Complete \*

\* Complete means conclusively describes the substance

## Miscellaneous information

### Example of use

Non-ionic emulsifier for cosmetic creams and lotions.

HLB = 15.0

### Intended for use as cosmetic ingredient

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