

## Technical Information

**Cetiol® 868**

PRD 30527925

Valid since	25.10.2019
Revision	10.0
WF-No.	21715
Page	1 of 3

® = registered trademark of BASF in many countries    ™ = Trademark of BASF

**Care Chemicals****Emollient****INCI name(s)**

Ethylhexyl Stearate

**Chemical description**

2-Ethyl hexyl palmitate/-stearate

**Physical form:**

Clear, slightly yellowish oil with a mean molecular weight

**Molecular weight**

approx. 390 g/mol

**CASR-No.**

91031-48-0

**Ingredient**

Fatty acids, C16-18, 2-ethylhexyl esters

**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**

Appearance at room temperature  
Odor at room temperature  
Acid value  
Saponification value  
Density (20 °C)  
Refractive index (20 °C)

**Specification**

Corresponds to the standard  
Corresponds to the standard  
max. 0.30 mg KOH/g  
140.0 - 150.0 mg KOH/g  
0.855 - 0.865 g/cm<sup>3</sup>  
1.4470 - 1.4490

**Test method**

Internal method 93000601  
Internal method 93000701  
DGF C-V 2  
DGF C-V 3  
DIN 51757  
DGF C-IV 5

**Additional product descriptive data**

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

**Test property**

Cloud point  
Viscosity (20 °C; Hoeppler)

**Specification**

max. 8 °C  
14 - 16 mPas

**Test method**

Internal method 93005201  
DGF C-IV 7



We create chemistry

## Technical Information

### Cetiol® 868

PRD 30527925

Valid since	25.10.2019
Revision	10.0
WF-No.	21715
Page	2 of 3

® = registered trademark of BASF in many countries    ™ = Trademark of BASF

**Care Chemicals**

## Storage information

### Shelf life

12 months

### Storage temperature

Between + 8 °C and + 30 °C

### Storage conditions

In original sealed containers and protected from moisture

### Additional information

Characteristics of the product are reversibly changed when falling below the limit temperature.

Once the lid has been opened the complete contents of the packaging must be processed; the packaging is unsuitable for further storage of remaining residual quantities of material. As the inside surface of the packaging is uncoated steel and due to moisture from the surrounding air, opened packaging is susceptible to rust from the inside.

## 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 / rape oil)
Petrochemical:	(2-ethylhexanol)



We create chemistry

## Technical Information

### Cetiol® 868

PRD 30527925

Valid since	25.10.2019
Revision	10.0
WF-No.	21715
Page	3 of 3

® = registered trademark of BASF in many countries    ™ = Trademark of BASF

**Care Chemicals**

## Composition hints for finished product label

### INCI Components

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

Ethylhexyl Stearate

#### Content

Complete \*

\* Complete means conclusively describes the substance

## Product properties

### Solubility

Ethylether:	very soluble
Chloroform:	very soluble
Petrolether:	very soluble
Ethylalcohol:	sparingly soluble
Paraffin oil:	very soluble
Water:	practically insoluble

## Miscellaneous information

### Example of use

The product is a traditional, medium spreading emollient for modern cosmetic applications.  
Spreading value: 800 mm<sup>2</sup>/10 min.

**Intended for use as cosmetic ingredient**

## Disclaimer

This document, or any answers or information provided herein by BASF, does not constitute a legally binding obligation of BASF. While the descriptions, designs, data and information contained herein are presented in good faith and believed to be accurate, it is provided for your guidance only. Because many factors may affect processing or application/use, we recommend that you make tests to determine the suitability of a product for your particular purpose prior to use. It does not relieve our customers from the obligation to perform a full inspection of the products upon delivery or any other obligation. NO WARRANTIES OF ANY KIND, EITHER EXPRESS OR IMPLIED, INCLUDING WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, ARE MADE REGARDING PRODUCTS DESCRIBED OR DESIGNS, DATA OR INFORMATION SET FORTH, OR THAT THE PRODUCTS, DESIGNS, DATA OR INFORMATION MAY BE USED WITHOUT INFRINGING THE INTELLECTUAL PROPERTY RIGHTS OF OTHERS. IN NO CASE SHALL THE DESCRIPTIONS, INFORMATION, DATA OR DESIGNS PROVIDED BE CONSIDERED A PART OF OUR TERMS AND CONDITIONS OF SALE.

Care  
Creations™