

## Technical Information

### Emulgade® SE-PF

PRD 30527844

Valid since 18.07.2023  
Revision 7.0

Page 1 of 3

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

**Care Chemicals**

### Cream Bases O/W

#### INCI name(s)

Glyceryl Stearate (and) Ceteareth-20 (and) Ceteareth-12 (and) Cetearyl Alcohol (and) Cetyl Palmitate

#### Chemical description

Mixed product of consistency giving factors and nonionic emulsifiers

#### Physical form:

White to slightly yellowish pellets, with faint characteristic odor

#### Molecular weight

Mixture

CASR-No.	Ingredient	Remark
67701-33-1	Glyceryl Stearate	
68439-49-6	Ceteareth-20	
68439-49-6	Ceteareth-12	
67762-27-0	Cetearyl Alcohol	
95912-87-1	Cetyl Palmitate	

### 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 930006
Odor at room temperature	Corresponds to the standard	Internal method 930007
Acid value	max. 2.00 mg KOH/g	DGF C-V 2
Saponification value	90 - 100 mg KOH/g	DGF C-V 3
Drop point/range	49.0 - 52.0 °C	DGF C-IV 3B

#### Additional product descriptive data

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

Test property	Specification	Test method
Hydroxyl value	135.0 - 160.0 mg KOH/g	DGF C-V 17A,B
pH value (1 %)	5.5 - 7.0	DGF H-III 1



We create chemistry

## Technical Information

### Emulgade® SE-PF

PRD 30527844

Valid since 18.07.2023  
Revision 7.0

Page 2 of 3

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

**Care Chemicals**

## Storage information

### Shelf life

18 months

### Storage temperature

< + 30 °C

### Storage conditions

In original sealed containers and protected from moisture

## 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)



We create chemistry

## Technical Information

### Emulgade® SE-PF

PRD 30527844

Valid since 18.07.2023  
Revision 7.0

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)	Content
Glyceryl Stearate	40 - 70 %
Ceteareth-20	10 - 20 %
Ceteareth-12	5 - 10 %
Cetearyl Alcohol	5 - 10 %
Cetyl Palmitate	5 - 10 %

## Product properties

### Solubility

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

## Miscellaneous information

### Example of use

This self emulsifying base with consistency giving properties is suited for the preparation of cosmetic O/W creams and lotions.

**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.