

## Technical Information

**Cutina® GMS-SE**

PRD 30527873

Valid since 11.08.2020  
Revision 6.0

Page 1 of 3

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**Care Chemicals****Cream Bases O/W****INCI name(s)**

Glyceryl Stearate SE

**Chemical description**

Mixture of mono-, di and triglycerides, especially of palmitic and stearic acid, blended with potassium stearate

**Physical form:**

White to off-white powder with mild faint odor

**Molecular weight**

Mixture

<b>CASR-No.</b>	<b>Ingredient</b>
67701-33-1	Glycerides, C14-18 mono- and di-
593-29-3	Potassium stearate

**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.)

<b>Test property</b>	<b>Specification</b>	<b>Test method</b>
Appearance at room temperature	Corresponds to the standard	Internal method 630006
Odor at room temperature	Corresponds to the standard	Internal method 630007
Monoglyceride	32.0 - 40.0 %	Internal method 1547
Glycerol	5.0 - 8.0 %	DGF E-III 3A
Acid value	32.0 - 36.0 mg KOH/g	DGF C-V 2
Saponification value	145.0 - 160.0 mg KOH/g	DGF C-V 3
Melting point/range	56.0 - 61.0 °C	DGF C-IV 3A



We create chemistry

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Page 2 of 3

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**Care Chemicals**

#### Additional product descriptive data

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

Test property	Specification	Test method
Water content	0.00 - 1.00 %	DGF C-III 13A
Heavy metals	max. 10 ppm	DIN EN ISO 11885; DIN EN ISO 17294
Iodine value (Kaufmann)	0.0 - 3.0 g I/100 g	DGF C-V 11B

## Storage information

#### Shelf life

12 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

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Page 3 of 3

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**Care Chemicals****General information****Raw material basis**Vegetable: (coconut / palm kernel oil / vegetable stearine / rape seed oil)  
Inorganic: (potassium hydroxide)**Composition hints for finished product label****INCI Components**

<b>INCI Name (US/EU/CN)</b>	<b>Content</b>
Glyceryl Stearate SE	Complete *

\* Complete means conclusively describes the substance

**Product properties****Solubility**Ethylether: practically insoluble  
Chloroform: slightly soluble  
Petrolether: practically insoluble  
Ethylalcohol: practically insoluble  
Paraffin oil: practically insoluble  
Water: practically insoluble**Intended for use as cosmetic ingredient****Disclaimer**

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