



We create chemistry

## Technical Information

### Euperlan® OP White

PRD 30533718

Valid since 10.05.2019  
Revision 6.0  
WF-No. 20042  
Page 1 of 4

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**Care Chemicals**

### Performance Wax Dispersion

#### INCI name(s)

Glycol Distearate (and) Sodium Laureth Sulfate (and) Cocamidopropyl Betaine (and) Glyceryl Oleate

#### Chemical description

Dispersion of opacifying waxes

#### Physical form:

Cold processable, pumpable wax based opacifier concentrate with a typical faint odor

#### Molecular weight

Mixture

CASR-No.	Ingredient	Remark
91031-31-1	Fatty acids, C16-18, esters with ethylene glycol	
68891-38-3	Alcohols, C12-14, ethoxylated, sulfates, sodium salts	
61789-40-0	1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-coco acyl derivs., hydroxides, inner salts	Most common description
147170-44-3	1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-(C8-18 and C18-unsatd. acyl) derivs., inner salts	REACH registration
68424-61-3	Glycerides, C16-18 and C18-unsatd. mono- and di-	

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**Care Chemicals****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>
Appearance at room temperature	Corresponds to the standard
Odor at room temperature	Corresponds to the standard
pH value (10 % in water)	4.0 - 5.0
Viscosity (20 °C; Brookfield, RVT, sp. 5, 10 rpm)	1000 - 10000 mPa.s
Density (20 °C)	0.96 - 1.04 g/cm <sup>3</sup>
Dry residue	40 - 44 %
Anionic surfactant	9 - 11 %

Specific methods used for batch release see Certificate of Analysis.

**Storage information****Shelf life**

12 months

**Storage temperature**

&lt; + 40 °C

**Storage conditions**

In original sealed containers and protected from moisture

**Additional information**

Euperlan® OP White is preferably processed at temperatures between 15 °C and 35 °C. At temperatures below 5 °C the pumpability can suffer due to viscosity increase. This property is product specific; the phenomenon can be reversed through tempering to 15 °C - 30 °C, if necessary with stirring.

During longer storage periods, slight separations might occur which, if necessary, can be eliminated by stirring without changing the appearance.



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## Stabilising additives / Auxiliaries

### Preservatives

Sodium benzoate

### Antioxidants

not present

### Solvents

not present

### Others

Citric acid (for pH adjustment)

## General information

### Raw material basis

Vegetable: (coconut / palm kernel oil / rapeseed oil / sunflower oil)  
Petrochemical: (ethylene oxide)  
Inorganic: (SO<sub>3</sub>, NaOH)  
Synthetic: (dimethyl amino propyl amine, sodium monochloroacetat)

## Composition hints for finished product label

### INCI Components

INCI Name (US/EU/CN)	Content
Glycol Distearate	25 - 28 %
Sodium Laureth Sulfate	9 - 11 %
Cocamidopropyl Betaine	2 - 4 %
Glyceryl Oleate	1 - 2 %

### Auxiliaries

INCI Name (US/EU/CN)	Content
Sodium Benzoate	approx. 0.4 %
Citric Acid	max. 0.2 %

### Water Content

Content
56 - 60 %



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## Miscellaneous information

### Example of use

Euperlan® OP White is recommended as a performance wax dispersion for shampoos, shower gels, liquid soaps and facial wash formulations where caring benefits are required. In addition Euperlan® OP White opacifies surfactant preparations and provides a creamy rich emulsion-like appearance.

### Intended for use as cosmetic ingredient

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