

## Technical Information

**Euperlan® PCO**

PRD 30535439

Valid since	10.10.2019
Revision	8.2
WF-No.	21546
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**Care Chemicals****Opacifier****INCI name(s)**

Styrene/Acrylates Copolymer (and) Coco-Glucoside

**Chemical description**

Dispersion of opacifying polymer with surfactants

**Physical form:**

White opaque dispersion with characteristic odor

<b>CASR-No.</b>	<b>Ingredient</b>
9010-92-8	Styrene/Acrylates Copolymer
68515-73-1,	Coco-Glucoside
110615-47-9	

**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	White liquid dispersion	Internal method 8000
Odor at room temperature	Characteristic odor	Internal method 8530
Dry residue	41.50 - 44.50 %	Internal method 8625
Viscosity Brookfield RVT (20 °C)	max. 2000 mPas	ISO 2555
pH value	4.50 - 5.50	EN 1262

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## Storage information

### **Shelf life**

24 months

### **Storage temperature**

Between + 5 °C and + 30 °C

### **Storage conditions**

In original sealed containers and protected from moisture

### **Additional information**

Store frost-free. A slight increase of viscosity can occur when product is stored at temperatures above 30 °C but this phenomena does not affect the dispersion properties of the product.

If Euperlan® PCO presents a slight dusty residue, it could be easily removed by filtration through for example 200 micron filter bag. However, if the product has not been transported or stored in proper condition (e.g. submitted at temperatures below 5 °C) it may occur an irreversible process of sedimentation.

### Recommendation for facility cleaning

If Styrene/Acrylates Copolymer is used in cosmetic formulations (rinse-off) following vessel cleaning can be recommended:

1. Heat water up to min. 80 °C in the vessel and stir at least for 1 hour
2. Afterwards rinse the vessel with cold water

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**Care Chemicals****Stabilising additives / Auxiliaries****Preservatives**

Benzoic acid

**Antioxidants**

Not present

**Solvents**

Not present

**Others**

Citric acid

**General information****Raw material basis**

Vegetable:	(coconut / palm kernel oil, glucose)
Synthetic:	(styrene / methacrylic acid copolymer)

**Composition hints for finished product label****INCI Components**

INCI Name (US/EU/CN)	Content
Styrene/Acrylates Copolymer	25 - 50 %
Coco-Glucoside	1 - 20 %

**Auxiliaries**

INCI Name (US/EU/CN)	Content
Citric Acid	approx. 0.5 %
Benzoic Acid *	0.5 %

\* At the pH-value of the product in question Sodium Benzoate is likely to be present.

**Water Content**

Content
55 - 59 %



We create chemistry

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**Care Chemicals**

## Miscellaneous information

### Example of use

Euperlan® PCO is specially suited as opacifier for liquid surfactant formulations. Due to its easy dispersion properties there is no need to predisperse the product into water.

### Intended for use as cosmetic ingredient

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