

## Technical Information

**Euperlan® PK 1200**

PRD 30528410

Valid since 07.02.2018  
Revision 9.0  
WF-No. 14912  
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**Care Chemicals****Pearl Shine Concentrate****INCI name(s)**

Coco-Glucoside (and) Glycol Distearate (and) Glycerin

**Chemical description**

Pumpable Dispersion of Pearlizing Agents and Alkyl Polyglucosides

**Physical form:**

Cold processable, pumpable pearlshine concentrate with a typical weak inherent odor

**Molecular weight**

Mixture

<b>CASR-No.</b>	<b>Ingredient</b>
141464-42-8	Alkyl polyglycoside
91031-31-1	Fatty acid, ester with ethylene glycol
56-81-5	Glycerol

**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	Conforms to the standard
Odor at room temperature	Conforms to the standard
Water content (Karl-Fischer)	33.5 - 37.5 %
Density	1.000 - 1.200 g/cm <sup>3</sup>
Viscosity Brookfield (20 °C; RVF, Sp. 5, 10 rpm)	2000 - 8000 mPas
pH value (10 %)	3.0 - 3.5

Specific methods used for batch release see Certificate of Analysis.



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**Care Chemicals**

## Storage information

### Shelf life

12 months

### Storage temperature

Between + 15 °C and + 35 °C

### Storage conditions

In original sealed containers and protected from moisture

### Additional information

During storage slight separations occur which can be eliminated by stirring without changing the pearlescent quality in the final product. Preferably the content of complete containers should be processed. Euperlan® PK 1200 is self preserved and therefore delivered without addition of preservatives. Euperlan® PK 1200 should preferably be processed at temperatures between 15 °C and 35 °C. At temperatures outside the given range the pumpability may be restricted due to an increase in the viscosity. This property is characteristic of the product and reversible by heating at 20 - 25 °C with stirring.

To avoid potential melting of wax dispersion during transportation, the recommended maximum shipping temperature is 35 °C.

Store frost free.

## Stabilising additives / Auxiliaries

### Preservatives

not present

### Antioxidants

not present

### Solvents

not present

### Others

Citric acid

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**Care Chemicals****General information****Raw material basis**

Vegetable:	(coconut / palm kernel / palm / canola oil)
Petrochemical:	(ethylene glycol)

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

<b>INCI Name (US/EU/CN)</b>	<b>Content</b>
Coco-Glucoside	20 - 40 %
Glycol Distearate	15 - 25 %
Glycerin	10 - 20 %

**Auxiliaries**

<b>INCI Name (US/EU/CN)</b>	<b>Content</b>
Citric Acid	approx. 4.5 %

**Water Content**

<b>Content</b>
30 - 40 %

**Product properties****Solubility**

Ethylether:	practically insoluble
Chloroform:	practically insoluble
Petrolether:	practically insoluble
Ethylalcohol:	practically insoluble
Paraffin oil:	practically insoluble
Water:	practically insoluble

**Miscellaneous information****Example of use**

The product is suited for the preparation of pearlescent surfactant preparations.



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**Care Chemicals**

### **Intended for use as cosmetic ingredient**

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