

Technical Information

Eumulgin® VL 75

PRD 30527788

Valid since	18.05.2018
Revision	9.0
WF-No.	16269
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Care Chemicals**Emulsifier O/W****INCI name(s)**

Lauryl Glucoside (and) Polyglyceryl-2 Dipolyhydroxystearate (and) Glycerin

Chemical description

Blend of nonionic Emulsifiers and Glycerin

Physical form:

Clear to slightly turbid, yellowish, viscous liquid with inherent odor

Molecular weight

Mixture

CASR-No.	Ingredient
110615-47-9	Alkylpolyglycosid C10-16
144470-58-6	Hydroxy stearic acid, polyglycerol ester
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.)

Test property	Specification
Appearance at room temperature	Clear to slightly turbid, yellowish, viscous liquid (turbidity < + 15 °C, see additional information)
Odor at room temperature	Inherent odor
Water content (Karl Fischer)	22.0 - 28.0 %
Saponification value	45.0 - 55.0 mg KOH/g
Viscosity Brookfield (20 °C; Spindle 5, 10 rpm)	2000 - 6500 mPas
pH value (as is)	5.0 - 6.0

Specific methods used for batch release see Certificate of Analysis.



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Storage information

Shelf life

12 months

Storage temperature

< + 30 °C

Storage conditions

In original sealed containers and protected from moisture

Additional information

Storage at temperatures at below + 15°C leads to turbidities in the product. Preferably the contents of a complete packaging should be processed. In case a packaging is only partly used, homogenization by stirring is required prior to discharging the packaging.

Stabilising additives / Auxiliaries

Preservatives

not present

Antioxidants

not present

Solvents

not present

Others

Citric acid

General information

Raw material basis

Vegetable: (coconut / palm kernel oil, castor oil, glucose)

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

INCI Name (US/EU/CN)	Content
Lauryl Glucoside	20 - 40 %
Polyglyceryl-2 Dipolyhydroxystearate	20 - 40 %
Glycerin	10 - 30 %

Auxiliaries

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

Water Content**Content**
10 - 30 %**Product properties****Solubility**

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

Miscellaneous information**Example of use**

The product is used as universally applicable nonionic emulsifier for the production of cosmetic O/W emulsions.



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Care Chemicals

Intended for use as cosmetic ingredient

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