

Technical Information

Dehyquart® L 80 T

PRD 30599580

Valid since	09.06.2020
Revision	4.0
WF-No.	23885
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Care Chemicals**Cationic Surfactant****INCI name(s)**

Dicocylethyl Hydroxyethylmonium Methosulfate (and) Propylene Glycol

Chemical description

Blend of conditioning agent and propylene glycol

Physical form:

Liquid

Molecular weight

approx. 680 g/mol

CASR-No.	Ingredient	Remark
91995-81-2	Fatty acids, C10-20 and C16-18-unsatd., reaction products with triethanolamine, di-Me sulfate-quaternized	Most common description
-	Reaction products of Fatty acids, C8-18 (even numbered) and C18 unsatd. and triethanolamine, di-Me sulfate-quaternized	REACH registration

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	Test method
Appearance at room temperature	Clear to cloudy, yellowish liquid	Internal method 8000
Odor at room temperature	Corresponds to the standard	Internal method 8959
Cationic surfactant (MW 680)	74.0 - 79.0 %	ISO 2871-2
Water content (Karl-Fischer)	max. 2.0 %	EN 13267
Acid value	max. 12.0 mg KOH/g	ISO 4314
Color number	max. 5.0	DIN ISO 4630
pH value (5 %)	2.0 - 3.5	EN 1262



We create chemistry

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Care Chemicals

Storage information

Shelf life

12 months

Storage temperature

< + 30 °C

Storage conditions

In original sealed containers and protected from moisture

Additional information

The product remains pumpable at temperatures higher than 15 °C

Stabilising additives / Auxiliaries

Preservatives

not present

Antioxidants

not present

Solvents

Propylene glycol

Others

not present

General information

Raw material basis

Vegetable: (coconut / palm kernel oil)

Petrochemical: (dimethyl sulfate, triethanolamine, propylene glycol)

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

INCI Name (US/EU/CN)	Content
Dicocoylethyl Hydroxyethylmonium Methosulfate	60 - 80 %
Propylene Glycol	20 - 40 %

Product properties**Solubility**

Ethylether:	freely soluble
Chloroform:	no data available
Petroether:	slightly soluble
Ethylalcohol:	freely soluble
Paraffin oil:	slightly soluble
Water:	sparingly soluble

Miscellaneous information**Example of use**

On account of its cationic character the product is substantive on hair and has a positive influence on the dry and wet combability. This quaternary compound is mainly used as a conditioning component in hair aftertreatment agents. When combined with consistency giving, emulsifying and additional hair care ingredients the product is suitable for the simple preparation of hair conditioning creams and emulsions. Typical application concentrations are 1.5 - 5 %. The most favourable conditioning and stability properties are obtained in a pH range between 3 and 5.

Intended for use as cosmetic ingredient**Disclaimer**

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