

## Technical Information

**Cosmedia® DC**

PRD 30531817

Valid since 24.01.2018  
Revision 6.1

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**Care Chemicals****Water Resistance Polymer****INCI name(s)**

Hydrogenated Dimer Dilinoleyl / Dimethylcarbonate Copolymer

**Chemical description**

Dimerdiol carbonate

**Physical form:**

Clear or very lightly turbid, viscous and nearly odorless liquid

<b>CASR-No.</b>	<b>Ingredient</b>
436803-57-5	Dimerdiol carbonate

**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
Acid number	max. 1.00 mg KOH/g
Hydroxyl value	45.0 - 65.0 mg KOH/g

Specific methods used for batch release see Certificate of Analysis.

**Additional product descriptive data**

(Data which is proven statistically but not determined regularly.)

<b>Test property</b>	<b>Specification</b>
Viscosity Brookfield RVT (25 °C)	25000 - 35000 mPas

Specific methods used for batch release see Certificate of Analysis.

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**Care Chemicals****Storage information****Shelf life**

12 months

**Storage temperature**

&lt; + 30 °C

**Storage conditions**

In original sealed containers and protected from moisture

**Stabilising additives / Auxiliaries****Preservatives**

not present

**Antioxidants**

not present

**Solvents**

not present

**Others**

not present

**General information****Raw material basis**Vegetable: (rapeseed oil)  
Synthetic: (dimethylcarbonate)

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

<b>INCI Name (US/EU/CN)</b>	<b>Content</b>
Hydrogenated Dimer Dilinoleyl / Dimethylcarbonate Copolymer	Complete *

\* Complete means conclusively describes the substance

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

The product is a multifunctional ingredient providing water resistance in sun care formulations. Furthermore it is a key ingredient to achieve a unique sensorial profile and an initial moisture boost.

**Intended for use as cosmetic ingredient****Disclaimer**

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