

Technical Information

Cosmedia® Triple C

PRD 30537849

Valid since	16.10.2020
Revision	5.0
WF-No.	25611
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Care Chemicals**Conditioning Polymer / Rheology Modifier****INCI name(s)**

Polyquaternium-37 (and) Dicaprylyl Carbonate (and) Lauryl Glucoside

Chemical description

Cationic homopolymer dispersed in carrier oil

Physical form:

Off-white, non aqueous liquid dispersion of polymer, mobile liquide with a slight characteristic acrylic odor

CASR-No.	Ingredient
26161-33-1	Polyquaternium-37
1680-31-5	Dicaprylyl Carbonate
110615-47-9	Lauryl Glucoside

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	Corresponds to the standard	Internal method 930006
Odor at room temperature	Corresponds to the standard	Internal method 930007
Viscosity Brookfield (25 °C; (as delivered); sp. 3, 20 rpm)	max. 3000 mPas	ISO 2555
Viscosity Brookfield (25 °C; (2 % in water); sp. 6, 20 rpm)	35000 - 50000 mPas	ISO 2555
pH value (25 °C; 2 % in water)	3.2 - 4.8	Internal method 464

Additional product descriptive data

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

Test property	Specification	Test method
Water content	4.0 - 8.0 %	ISO 4317

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

18 months

Storage temperature

Between + 5 °C and + 30 °C.

< + 5 °C - product freezes but will recover on warming (reversible).

> + 30 °C - product will form a sediment which cannot be re-mixed (irreversible).

Storage conditions

In original sealed containers and protected from moisture

Additional information

The product is an anhydrous polymer dispersion. Slight separation of Lauryl Glucoside may occur. Lauryl Glucoside is a component of the product and no impurity or foreign matter. The slight brown coloration is typical for this.

In aqueous systems the separated material dissolves completely and does not negatively affect the product performance. The packaging should be used overall and should be homogenized well prior to using or sampling.

However, to ensure a homogeneous product quality in the package, it is recommended as good practice to mix the product with low shear force and filter prior use.

Best option is a propeller blade stirrer mounted on a telescopic stand. The propeller should be positioned in the lower 20 % of the package, controlling the revolution speed in such way, that the incorporation of air by the mixing vortex is avoided. Alternatively the content of the drums can be mixed by hand using a suitable stick/pole. For the 25 kg drums it is as well an option to be rolled a few times back and forth.

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

not present

Antioxidants

not present

Solvents

not present

Others

Sorbitan oleate

General information**Raw material basis**

Vegetable:	(coconut/palm kernel oil, glucose)
Petrochemical:	(acrylate)

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

INCI Name (US/EU/CN)	Content
Polyquaternium-37	45 - 55 %
Dicaprylyl Carbonate	25 - 40 %
Lauryl Glucoside	1 - 4 %

Auxiliaries

INCI Name (US/EU/CN)	Content
Acrylates/Stearyl Methacrylate Copolymer	1 - 3 %
Sorbitan Oleate	1 - 2 %
Citric Acid	max. 1 %

Water Content

Content
4 - 8 %



We create chemistry

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Care Chemicals

Miscellaneous information

Example of use

The prime function is as an ethylenoxide-free rheological control additive for applications within the toiletries and cosmetics industry.

Allows cold mixing in aqueous systems, thereby increasing process speed and efficiency, and reducing energy costs in manufacture.

Intended for use as cosmetic ingredient

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