

Technical Information

Cosmedia® A 91

PRD 30740170

Valid since	01.08.2019
Revision	1.1
WF-No.	20935
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Care Chemicals**Rheology Modifier****INCI name(s)**

Sodium Acrylates Copolymer (and) Mineral Oil (and) PPG-1 Trideceth-6

Chemical description

Anionic homopolymer (sodium polyacrylate) dispersed in a carrier oil (mineral oil).

Physical form:

White to off white liquid

CASR-No.	Ingredient
9003-04-7	Sodium acrylates copolymer
8042-47-5	White mineral oil (petroleum)
68551-13-3	Alcohols, C12-15, ethoxylated propoxylated

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	Dispersion	Internal method 930006
Odor	Corresponds to the standard	Internal method 930007
Color	White to off-white	Internal method 930006
Viscosity (25 °C; RVT; 1 % aqu. solution; Sp. 6, 20 rpm)	15000 - 25000 cps	Internal method 1002
Viscosity (25 °C; RVT; 2 % aqu. solution; Sp. 6, 20 rpm)	25000 - 50000 cps	Internal method 5408
pH value (1 % aqu. solution)	5 - 7	Internal method 920019



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Storage information

Shelf life

12 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

Stabilising additives / Auxiliaries

Preservatives

not present

Antioxidants

not present

Solvents

White mineral oil

Others

not present

General information

Raw material basis

Petrochemical: (mineral oil / natural gas)

Synthetic



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Composition hints for finished product label

INCI Components

INCI Name (US/EU/CN)	Content
Sodium Acrylates Copolymer	50 - 60 %
Mineral Oil (Paraffinum Liquidum)	25 - 30 %
PPG-1 Trideceth-6	7 - 9 %

Auxiliaries

INCI Name (US/EU/CN)	Content
Sorbitan Oleate	3 - 5 %

Miscellaneous information

Example of use

Cosmedia® A 91 is a liquid polymer dispersion specifically designed for skin care with stabilizing, thickening and emulsifying properties for personal care emulsions.

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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