



Product Data Sheet

DEHYQUART® C 4046

General characterisation

Chemical description

Mixture of conditioning agent, fatty alcohol and nonionic emulsifier

Labeling information

INCI name(s)

Cetearyl Alcohol (and) Dipalmitoylethyl Hydroxyethylmonium Methosulfate (and) Ceteareth-20 (EU)
Cetearyl Alcohol (and) Dipalmitoylethyl Hydroxyethylmonium Methosulfate (and) Ceteareth-20 (CTFA)

Registrations

Ingredient	CASR-No.	EINECS/ELINCS-No.
	67762-27-0*	2670086
	91995-81-2*	2953443
	68439-49-6	polymer

Officially listed in / Quality conforms to

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Product properties

Appearance

DEHYQUART® C 4046 is a white to yellow wax-like product which is supplied in pellets.

Example of use

On account of the combination of consistency giving, conditioning and emulsifying ingredients the product is suited for the simple preparation of hair conditioning creams and emulsions. Typical application concentrations are 4 - 8 %, depending on the desired viscosity of the final product. The most favorable conditioning and stability properties are obtained in a pH range between 3 - 4.

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.)

Appearance	conforms to standard	
Odour	conforms to standard	
Cationic surfactant (MW 800)	22.0 - 28.0 %	ISO 2871 mod. (Pulcra 8050)

Acid value	max. 9.0	ISO 4314-1977 (Pulcra 8018)
pH value (5 % sol.)	2.0 - 4.0	ISO 4316-1977 (Pulcra 8228)

Additional product descriptive data

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

Dimethyl sulfate 3347.0)	< 1 ppm	Cognis Method 98012801 (Q-C)
Melting range 1867.0)	53.0 - 57.0°C	Cognis Method 93005601 (Q-P)

Storage and transportation

In sealed original containers, protected from moisture and at temperatures below 30°C DEHYQUART® C 4046 remains stable for at least one year.

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DEHYQUART® C 4046

