

## Technical Information

**Dehyquart® F 75 T**

PRD 30600628

Valid since 02.12.2020  
Revision 3.1

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**Care Chemicals****Cationic Surfactant****INCI name(s)**

Distearoylethyl Hydroxyethylmonium Methosulfate (and) Cetearyl Alcohol

**Chemical description**

Blend of conditioning agent and fatty alcohol

**Physical form:**

Wax-like product

<b>CASR-No.</b>	<b>Ingredient</b>	<b>Remark</b>
91032-11-0	Fatty acids, C12-20, reaction products with triethanolamine, di-Me sulfate-quaternized	Most common description
1337540-53-0	Fatty acids, C16-18 (even numbered), reaction products with triethanolamine, di-Me sulfate-quaternized	REACH registration
67762-27-0	Alcohols, C16-18	

**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>	<b>Test method</b>
Appearance at room temperature	Yellowish pearls	Internal method 8000
Cationic surfactant (MW 800)	65.00 - 72.00 %	Internal method 8642
Acid value	5.0 - 12.0 mg KOH/g	ISO 4314
Color number	max. 4.0	DIN ISO 4630
pH value (5 % in water)	2.0 - 3.5	ISO 4316

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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 size and shape of the pearls can be subject to slight variability within a batch due to specific production conditions (product temperature, environmental temperature, production speed, start and shut down phases etc.).

Agglomeration in various degrees is product typical. This agglomerated state is not reported to have an influence on product performance. To maintain flowability of the pearls and to avoid cluster packaging should not be stacked and protected from direct sunlight.

## Stabilising additives / Auxiliaries

### Preservatives

not present

### Antioxidants

not present

### Solvents

not present

### Others

not present

## General information

### Raw material basis

Vegetable: (coconut / palm / palm kernel oil)

Petrochemical: (dimethyl sulfate, triethanolamine)



We create chemistry

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Care Chemicals

## Composition hints for finished product label

### INCI Components

INCI Name (US/EU/CN)	Content
Distearoylethyl Hydroxyethylmonium Methosulfate	60 - 80 %
Cetearyl Alcohol	20 - 40 %

## Product properties

### Solubility

Ethylether:	practically insoluble
Chloroform:	freely soluble
Petrolether:	practically insoluble
Ethylalcohol:	practically insoluble
Paraffin oil:	practically insoluble
Water:	practically insoluble

## Miscellaneous information

### 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 2 - 5 %. Due to the high content of quaternary ammonium salt, the addition of further consistency giving factors like e.g. Lanette® O is recommended. The most favorable conditioning and stability properties are obtained in a pH range between 3 - 5.

**Intended for use as cosmetic ingredient**

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Care  
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