

Technical Information

Dehyton® MC

PRD 30530373

Valid since	22.05.2017
Revision	1.0
WF-No.	11494
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Care Chemicals**Amphoteric surfactant****INCI name(s)**

Sodium Cocoamphoacetate

Chemical description

Fatty Acid Amide derivative with amphoteric structure

Physical form:

Clear low viscous yellowish liquid with a slight inherent odor

CASR-No.

68334-21-4

Ingredient

Sodium Cocoamphoacetate

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

Appearance at room temperature

Specification

Clear yellowish liquid

(turbidities may occur at < + 15 °C, to recover see additional information)

Odor at room temperature

Corresponds to the standard

Sodium chloride

6.50 - 7.50 %

Dry residue

38.0 - 41.0 %

pH value (20 %)

8.50 - 9.50

Specific methods used for batch release see Certificate of Analysis.

Additional product descriptive data

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

Test property

Color number Gardner

Specification

max. 3.0

Specific methods used for batch release see Certificate of Analysis.



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Care Chemicals

Storage information

Shelf life

12 months

Storage temperature

Between + 15 °C and + 30 °C

Storage conditions

In original sealed containers and protected from moisture

Additional information

The storage of the product at temperatures below + 15 °C can cause turbidity, which is reversible by heating the product at room temperature while simultaneous stirring.

Stabilising additives / Auxiliaries

Preservatives

not present

Antioxidants

not present

Solvents

not present

Others

not present

General information

Raw material basis

Vegetable: (coconut / palm kernel oil)
Synthetic: (amino ethyl ethanol amine, monochloroacetic acid)



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Care Chemicals

Composition hints for finished product label

INCI Components

INCI Name (US/EU/CN)	Content
Sodium Cocoamphoacetate	25 - 35 %

Water Content

Content
65 - 75 %

Product properties

Solubility

Water:	very soluble
Ethylether:	slightly soluble
Chloroform:	sparingly soluble
Petrolether:	practically insoluble
Ethylalcohol:	slightly soluble
Paraffin oil:	practically insoluble

Miscellaneous information

Example of use

The product is a well compatible amphoteric surfactant suitable for the application in mild surfactant preparations. In combination with anionic surfactants, synergistic effects are achieved which lead to a dermatologically improved final product.

Intended for use as cosmetic and home care ingredient

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