

UL PROSPECTOR® Product Datasheet

Dehyton® PK 45

PRD 30528624

Valid since 14.07.2016
Revision 2.1

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Care Chemicals**General characterisation****Chemical description**

Fatty Acid Amide Derivative with Betaine Structure (High Active)

Raw material basis

Vegetable:

(coconut / palm kernel oil)

Synthetic:

(dimethyl amino propyl amine, monochloroacetic acid)

Labeling information**INCI name(s)**

Cocamidopropyl Betaine

Active ingredient information**Ingredient**

Cocamidopropyl Betaine

Cocamidopropyl Betaine

CASR-No.

61789-40-0

147170-44-3

Remark

Most common description

REACH registration

Product properties**Appearance**

Clear, light yellow, pumpable liquid with a characteristic odor

Example of use

This amphoteric surfactant is suitable for universal application in cosmetic surfactant preparations. In combination with anionic surfactants, synergistic effects are achieved which lead to a dermatological improvement of the consumer product. The applicational properties are comparable with the conventional Cocamidopropylbetain-types.

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Care Chemicals**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.)

Water content (Karl Fischer)	54.0 - 56.0 %	DGF C-III 13a
Sodium chloride	5.80 - 7.30 %	DGF H-III 9 mod.
Solid matter	44.0 - 46.0 %	ISO 1625
Color HAZEN/APHA	max. 150.0	ISO 6271
pH value (20 °C; conc.)	4.50 - 5.50	DIN 53785

Additional product descriptive data

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

Amido amine	max. 0.3 %	Internal method 8684
Monochloro acetic acid	max. 5.00 ppm	Internal method 8623

Stabilising additives / Auxiliaries

(type and concentration)

Preservatives

not present



We create chemistry

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Care Chemicals

Storage information

Shelf life

12 months

Storage temperature

Between 0 °C and + 40 °C

Storage conditions

In original sealed containers and protected from moisture.

Additional information

On account of its high salt content the product can have a corrosive effect during storage in stainless steel tanks.

Storage at low temperatures can lead to turbidity. The temperature induced turbidity is reversible and has no influence on product quality. Clearness can be recovered by warming.

Intended for use as cosmetic ingredient

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