



## De Hekserij

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The Netherlands

## 10101 - Betaine (CAPD) Hx

1Doc: All available data that is not in the SDS and that is not batch specific.  
Version 1 | 2026-01-23

### Identity

Product	: Betaine (CAPD) Hx
Code	: 10101
INCI name	: COCAMIDOPROPYL BETAINE / AQUA
EC number	: Mixture
CAS number EU	: Mixture
CAS number TSCA	: Mixture
UFI	: 10QD-Y3E6-TX0N-A7ES

### Customs information

HS code	: 3402 1900
Country of origin	: Italy

### Identity check

Appearance at RT	: Liquid
Colour	: Yellowish
Odour	: Slight soapy
Specific gravity (20°C)	: 1.04 - 1.05

### Additives

Preservatives	: None
Antioxidants	: None
Chelators	: None
Buffering agents	: None
Solvents	: None

### Impurities

Heavy metals total	: < 10 ppm
Dimethylaminopropyl amine	: <=10 ppm
Monochloroacetic acid	: <=5 ppm
Amido-amine	: <=3000 ppm
Dichloroacetic acid	: <=20 ppm
Glycolic Acid	: <=70000 ppm
Sodium Chloride	: <=60000 ppm

### Production / origin

Amidification reaction of dimethylaminopropylamine (DMAPA) with coco fatty acids from coconut oil/palm oil. The primary amine in DMAPA is more reactive than the tertiary amine, leading to its selective addition to form an amide. In the second step, chloroacetic acid reacts with the remaining tertiary amine to form a quaternary ammonium center (a quaternization reaction).

DMAPA and Monochloroacetic acid are synthetic.  
NaOH is a mineral.

### Composition

AQUA : 70 %  
COCAMIDOPROPYL BETAINE : 30 %

### Physiochemical specification

Solubility in water : Soluble  
Solubility in ethanol : Soluble  
Melting point : -5 °C  
Boiling point : >100 °C

### Use and storage

Suitable in cosmetics, cleaning products and certain technical products.  
We do not sell products for use in oral care products, food, feed, tobacco, e-smoking or pharmaceuticals.  
Keep dark and dry in a closed container. Hazardous (REACH/CLP), SDS available on request.

### Sales specification

Active matter : 25 - 35 %  
NaCl content : 4,5 - 5,5 %  
pH @ 20 °C : 4,5 - 6

Note: sales specification means typical values at time of analysis. Values are not guaranteed. Values can be different in certain batches and change after analysis.

### Allergens, EU Cosmetics Regulation

The substances suspected to be allergenic and listed in Annex III of Regulation (EC) 1223/2009 and Commission Regulation (EU) 2023/1545 are below the detection limit.  
The ingredients are not listed in any Annex of the Cosmetics Regulation (EC) 1223/2009.

### IFRA QRE

Not relevant.

### IFRA - Limitations

This product does not contain substances that are listed in the IFRA standards (51th Amendment).

### Natural

This product does not contain animal derived products, and can therefore be considered vegan.

Natural Index (acc. to ISO 16128)	NI= 0,7
Natural Origin Index (acc. to ISO 16128)	NOI= 0,87
Organic Index (acc. to ISO 16128)	OI= 0

#### **Animal testing**

This raw material has not been tested on animals for cosmetic purposes after the date 11/03/2009. This raw material is in compliance with article 18 EC 1223/2009.

#### **Disclaimer**

All information in this document is to our best knowledge at the time of preparation, provided in good faith and believed to be accurate. It still may contain errors and may be incomplete.