

## TECHNICAL DATA SHEET

Effective date: 07.2022

### Coco-betain Surfactant

#### INFORMATION ON SUBSTANCE / MIXTURE

INCI	Cocamidopropyl betaine
Raw material category	Highly concentrated amphoteric surfactant
Manufacturing process	Coverision of fatty acids and diamine, followed by reaction with chloroacetic acid to produce betaine; afterwards the product is spray dried

#### TECHNICAL DATA

##### Chemical composition

Cocamidopropyl betaine	approx 84 %
Sodium chloride	approx. 14.5 %
Water	approx. 1.5 %
Solvents, preservatives and other additives	Water approx. 1.5 % (solvent)

##### Physical parameters

Appearance	Solid, powder
Color	White
Odor	Odorless
Active Matter	> 82.00 %
Sodium chloride	13.00 - 16.5 %
pH-Value 10 %	4.5 - 5.5
Water Content	< 3.0 %
Solubility	Soluble in water

##### Contaminants

Residual solvents	not applicable
Amidoamine/ Amid Ammonium Salts	max 1.0 %
DMAPA (Dimethylaminopropylamine)	max 35 ppm
Monochloroacetic acid	max 20 ppm

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Dichloroacetic acid	max 60 ppm
Pesticides	meets the valid regulatory requirements for limits on agricultural pesticides
Total heavy metals	max. 20 ppm
As, Cd, Co, Cr, Hg, Ni, Pb, Sb	Each < 1 ppm
Latex	not to be expected in the product due to the raw materials used and the production process
VOC	< 3 % according to SR (Swiss Right) 814.018

#### Biological parameters

Total Viable Count	max. 100 cfu/g
Pathogens*	absent/g

\*Pathogens are: Enterobacteriaceae, Pseudomonas, Enterococci, Candida albicans, Staphylococci

#### TRANSPORT, STORAGE and SHELF LIFE

Storage conditions	Store in closed containers, keep dry and avoid humidity. Once opened use immediately, very hygroscopic and should be transported and stored below 25 °C
Shelf Life	36 months, in closed packaging and the recommended conditions.

#### LEGISLATION

Certification	-
Allergens*	None of these substances have been intentionally added to cosmetic raw materials or are formed during the manufacturing process.
Vegan and vegetarian declaration	It is produced in the strictest absence of any animal derived material of any type.
CMRs	<p>The use in cosmetic products of substances classified as CMR substances, of category 1A or 1B or 2 under Part 3 of Annex VI to Regulation (EC) No 1272/2008 shall be prohibited. Some of the CMR substances mentioned below and listed in Annex VI to Regulation (EC) No 1272/2008 are used as starting materials or solvents for the production of cosmetic raw materials and may require reporting under California Proposition 65 or the Safe Cosmetics Act, SB 484.</p> <p>The presence of these prohibited substances has to be seen as non-intended. It is stemming from impurities of the starting materials or the manufacturing process which is technically unavoidable in good manufacturing practice.</p>

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	CMR substance	Starting material	Maximum concentration
	Ethylene Oxide	no	-
	Propylene Oxide	no	-
	Octamethylcyclotetrasiloxane (D4)	no	-
	2-Ethylhexanoic Acid	no	-
	n-Hexane	no	-
	Methyl Chloride	no	-
	Dimethyl Sulfate	no	-
Food Ingredients listed in Annex II of Regulation (EU) No 1169/2011	None of these substances have been intentionally added to our cosmetic raw materials or are formed during the manufacturing process.		
GMO	The item contains ingredients derived from rapeseed (including oils and other refined ingredients), but these ingredients are sourced from an "Identity Preserved" program and can be certified NON-GM. However max 0.9 % cross-contamination is possible. Any protein or DNA is not present. Consequently the product will be PCR negative when tested.		
Irradiation	The product is not irradiated.		
EINECS	931-513-6		
CAS	-		
REACH pre-registration number	01-2119513359-38		
Regulatory status (chemical regulations)			
Cocamidopropyl betaine	Australia AICS: yes, CAS No. 61789-40-0 Canada DSL/NDL: no		
Regulatory status (cosmetic regulation)			
Cocamidopropyl betaine	China CFDA: yes Japan JSQI: yes, JSQI No. 521167, but specifications not controlled		

\*Cosmetic allergens according to Cosmetic Regulation (EC) N° 1223/2009, Annex III; N° 67 – 92 and Food allergens according to Regulation (EU) N° 1169/2011, Annex II.

#### DISCLAIMER

All warranty claims in respect to the conformity of our product are subject to our General Terms and Conditions of Sale and Delivery. The data listed above reflects the results of the manufacturer or our supplier quality tests. We do not hereby make any express or implied warranty, whether for specific properties or for fitness for any particular application or purpose. All values are valid for the product when dispatched from the works. We recommend you perform your own quality and or identification checks on receipt.