

Technical Information

Sodium Coco-Sulfate

Sulfopon 1216 G/MB

Valid since	24.06.2019
Revision	3.0
WF-No.	20097
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Care Chemicals

Anionic Surfactant**INCI name(s)**

Sodium Coco-Sulfate

Chemical description

Sodium C12-18 alkyl sulfate

Physical form:

White granules

Molecular weight

Mixture

CASR-No.

68955-19-1

Ingredient

Fatty alcohol sulfate C12-18, sodium salt

Ingredient information:

This product contributes to the production of certified sustainable palm kernel oil.

Certification No. RSPO: BMT-RSPO-000099.

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 propertyAnionic surfactant (average MW
310)

Bulk density

Particle size distribution by sieving

on sieve 1.25 mm

through sieve 0.1mm

Specification

90.0 - 95.0 %

550 - 650 g/l

max. 5.0 %

max. 3.0 %

Specific methods used for batch release see Certificate of Analysis.

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Additional product descriptive data

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

Test property	Specification
Sodium sulfate	max. 3.0 %
Water content	max. 3.0 %
Sodium hydroxide	0.6 - 2.0 %
Unulfated matter	max. 3.0 %

Specific methods used for batch release see Certificate of Analysis.

Typical values

(For information purposes only, not part of the guaranteed specifications.)

Property	Value
C-chain distribution	
C12 - C14	70 - 80 %
C16 - C18	20 - 30 %

Storage information

Shelf life

24 months

Storage temperature

Between + 20 °C and + 30 °C

Storage conditions

In original sealed containers and protected from moisture

Additional information

At temperatures below the indicated minimum temperature moisture condensation may occur at the surface of the packaging and may lead to lumpiness and is why a minimum storage temperature is recommended. The product quality is not impaired at temperatures below the indicated minimum temperature, only handling may be influenced.

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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)
Anorganic: (SO₃, NaOH)

Composition hints for finished product label

INCI Components

INCI Name (US/EU/CN)
Sodium Coco-Sulfate

Content
Complete *

* Complete means conclusively describes the substance

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Miscellaneous information

Example of use

Home Care/I&I Applications:

The manufacture of Sulfopon® 1216 G/MB is based on fluidized bed granulation and the resulting granule structure allows the convenient addition of solid FAS into surfactant preparations, laundry detergents, toilet blocks and cleaning agents, based on solid and powdered recipes.

Sulfopon® 1216 G/MB is not only suitable for home care applications, but also for formulations used in the industrial and institutional sector and - personal care applications

The main product characteristics of Sulfopon® 1216/MB G can be described as follows:

- convenient handling
- good flowability
- good storage stability
- high bulk density
- good detergency

Personal Care Applications:

Sulfopon® 1216 G/MB is also suited as a basic surfactant in cosmetic cleansing preparations such as shampoos, shower gels and bath preparations.

Additional Information on the processing of Sulfopon® 1216 G/MB in cosmetic cleansing formulations are available.

Intended for use as cosmetic and home care ingredient

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