

Technical Information

Eumulgin® SG

PRD 30532278

Valid since	24.01.2019
Revision	7.0
WF-No.	18890
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Care Chemicals**Emulsifier O/W****INCI name(s)**

Sodium Stearoyl Glutamate

Chemical description

Sodium Stearoyl Glutamate

Physical form:

White powder

Molecular weight

(calculated as monosodium salt) approx. 435 g/mol

CASR-No.

38517-23-6

Ingredient

Sodium hydrogen N-(1-oxooctadecyl)-L-glutamate

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

Odor at room temperature

Sodium chloride

Active matter

pH value 20 °C (20 % in water)

Specification

Corresponds to the standard

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max. 2.0 %

min. 95.0 %

8.3 - 9.0

Specific methods used for batch release see Certificate of Analysis.



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Storage information

Shelf life

18 months

Storage temperature

< + 40 °C

Storage conditions

In original sealed containers and protected from moisture

Stabilising additives / Auxiliaries

Preservatives

not present

Antioxidants

not present

Solvents

not present

Others

not present

General information

Raw material basis

Vegetable: (coconut, palm / palm kernel oil, corn)

Composition hints for finished product label

INCI Components

INCI Name (US/EU/CN)

Sodium Stearoyl Glutamate

Content

Complete *

* Complete means conclusively describes the substance



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Miscellaneous information

Chrystallization effects

Eumulgin® SG is a nearly water-free product, the aw is significantly below 0.6 and therefore not susceptible to microbial growth according to Microbiological Stability statement of the product. On the other hand it is known that crystallization effects of the product itself, can lead to misinterpretation of false positive micro results, especially on agar plates used to determine yeast and molds (SAB agar).

In such case the micro analysis does not show colony forming units on the SAB agar plate but rather crystallization of the product.

Example of use

Eumulgin® SG is a strong anionic O/W emulsifier for the preparation of cosmetic O/W emulsions.

Intended for use as cosmetic ingredient

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