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Technical Information

Eumulgin® SG

PRD 30532278

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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.	Ingredient
38517-23-6	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	Specification
Appearance at room temperature	Corresponds to the standard
Odor at room temperature	Corresponds to the standard
Sodium chloride	max. 2.0 %
Active matter	min. 95.0 %
pH value 20 °C (20 % in water)	8.3 - 9.0

Specific methods used for batch release see Certificate of Analysis.

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Valid since	24.01.2019
Revision	7.0
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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)	Content
Sodium Stearoyl Glutamate	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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