

Technical Information

Lanette® SX

PRD 30527913

Valid since	14.11.2019
Revision	7.1
WF-No.	21749
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Care Chemicals**Cream Basis O/W****INCI name(s)**

Cetearyl Alcohol (and) Sodium Lauryl Sulfate (and) Sodium Cetearyl Sulfate

Chemical description

Blend of Cetyl/Stearyl Alcohol and Anionic Emulsifier

Physical form:

White with a faint intrinsic odor, which is supplied in pellets

CASR-No.	Ingredient
67762-27-0	Cetearyl Alcohol
68955-19-1	Sodium Lauryl Sulfate
68955-20-4	Sodium Cetearyl Sulfate

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	Test method
Appearance at room temperature	Corresponds to the standard	Internal method 93000601
Odor at room temperature	Corresponds to the standard	Internal method 93000701
Fatty alcohol sulfate	8.7 - 10.0 %	DGF H-III 10
Hydroxyl value	185.0 - 205.0 mg KOH/g	DGF C-V 17A,B
pH value (1 %)	6.50 - 8.00	DGF H-III 1

Additional product descriptive data

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

Test property	Specification	Test method
Water content (Karl-Fischer)	max. 1.40 %	DGF C-III 13A
Acid value	max. 2.00 mg KOH/g	DGF C-V 2
Iodine value Hanus	max. 3.00 g I/100 g	DGF C-V 11A

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Care Chemicals**Storage information****Shelf life**

24 months

Storage temperature

< + 40 °C

Storage conditions

In original sealed containers and protected from moisture

Additional information

In the large industrial scale production of pellets, the presence of single discolored pellets is a typical observation. This is particularly apparent when the product is almost white in colour, however typically darker coloured products are also affected.

The size and shape of the pellets can be subject to slight variability within a batch due to the specific production conditions at the time (slight changes in product temperature, ambient temperature, production speed, start and shut down phases etc.) and therefore appearance cannot be specified exactly.

Additionally, the presence of agglomerated and/or melted pellets cannot be excluded, which although of identical material have a different appearance due to the different structural characteristics. This (agglomerated) state is not reported to have an influence on product performance.

Stabilising additives / Auxiliaries**Preservatives**

not present

Antioxidants

not present

Solvents

not present

Others

Potassium Phosphate, Disodium Phosphate

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Care Chemicals**General information****Raw material basis**

Vegetable:	(coconut / palm kernel oil)
Inorganic:	(SO ₃ / NaOH)

Composition hints for finished product label**INCI Components**

INCI Name (US/EU/CN)	Content
Cetearyl Alcohol	70 - 100 %
Sodium Lauryl Sulfate	1 - 5 %
Sodium Cetearyl Sulfate	1 - 5 %

Auxiliaries

INCI Name (US/EU/CN)	Content
Potassium Phosphate	approx. 0.04 %
Disodium Phosphate	approx. 0.08 %

Product properties**Solubility**

Ethylether:	practically insoluble
Chloroform:	very slightly soluble
Petrolether:	practically insoluble
Ethylalcohol:	slightly soluble
Paraffin oil:	practically insoluble
Water:	practically insoluble

Miscellaneous information**Example of use**

This anionic self emulsifying base is suited for the manufacture of cosmetic O/W creams and emulsions.



We create chemistry

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Care Chemicals

Intended for use as cosmetic ingredient

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