

Technical Information

Plantapon® SF

PRD 30535493

Valid since	22.05.2017
Revision	1.0
WF-No.	11496
Page	1 of 3

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Care Chemicals**Surfactant****INCI name(s)**

Sodium Cocoamphoacetate (and) Glycerin (and) Lauryl Glucoside (and) Sodium Cocoyl Glutamate (and) Sodium Lauryl Glucose Carboxylate

Chemical description

Mixture of Sodium Cocoamphoacetate, Glycerin, Lauryl Glucoside, Sodium Cocoyl Glutamate and Sodium Lauryl Glucose Carboxylate

Physical form:

Clear, yellowish, low viscous liquid with characteristic odor

Molecular weight

Mixture

CASR-No.	Ingredient
68334-21-4	Sodium Cocoamphoacetate
56-81-5	Glycerin
110615-47-9	Lauryl Glucoside
68187-32-6	Sodium Cocoyl Glutamate
383178-66-3	Sodium Lauryl Glucose Carboxylate

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	4.5 - 5.8 %
Water	48.0 - 58.0 %
pH value (20 °C; conc.)	6.5 - 7.5

Specific methods used for batch release see Certificate of Analysis.



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Page	2 of 3

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Storage information

Shelf life

18 months

Storage temperature

Between + 15 °C and + 30 °C

Storage conditions

In original sealed containers and protected from moisture

Additional information

On account of its high salt content the product can have a corrosive effect during storage in stainless steel tanks.

Stabilising additives / Auxiliaries

Preservatives

not present

Antioxidants

not present

Solvents

Isopropanol

Others

not present

General information

Raw material basis

Vegetable:	(coconut / palm kernel oil, glucose, sodium glutamate)
Synthetic:	(Sodium mono chloro acetate, monochloro acetic acid, aminoethyl ethanol amine)



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Page	3 of 3

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Care Chemicals

Composition hints for finished product label

INCI Components

INCI Name (US/EU/CN)	Content
Sodium Cocoamphoacetate	10 - 20 %
Glycerin	8 - 10 %
Lauryl Glucoside	5 - 15 %
Sodium Cocoyl Glutamate	max. 5 %
Sodium Lauryl Glucose Carboxylate	max. 5 %

Water Content

Content
40 - 60 %

Miscellaneous information

Example of use

Plantapon® SF is a mild surfactant mixture for cosmetic use. It is EO-free and Alkyl Sulfate free, therefore it is suitable for the formulation of alternative shampoos, showers and baths.

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