

Technical Information

Texapon® 842 UP

PRD 30535542

Valid since 09.03.2023
Revision 5.0

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Care Chemicals**INCI name(s)**

Sodium Caprylyl Sulfate

Chemical description

Sodium-n-octyl sulfate

Physical form:

Yellowish, clear liquid

Molecular weight

approx. 234 g/mol

CASR-No.	Ingredient	Remark
142-31-4	Sulfuric acid, mono-octyl ester, sodium salt	

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
Anionic surfactant (MW 234)	39.5 - 42.0 %	Internal method 93005901
Sodium sulfate	0.00 - 2.00 %	DGF H - III 8 A
Sodium chloride	0.0 - 0.50 %	DGF H - III 9 mod.
pH value (10 % solution)	10.0 - 11.0	DGF H - III 1

Additional product descriptive data

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

Test property	Specification	Test method
Dry residue, salt trim	42.0 - 45.0 %	Internal method 94005301
Color (Hazen/APHA)	0 - 300	ISO 6271



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Care Chemicals

Storage information

Shelf life

18 months

Storage temperature

Between + 25 °C and + 40 °C

Storage conditions

In original sealed containers and protected from moisture

Additional information

Store frost-free. The solidification point of Texapon® 842 UP is - 2 °C. During longer storage above 50 °C the pH value may change and a reduction of the anionic surfactant content may occur. This shows the result of the accomplished storage test with exactly 50 °C after 6 months. However, the product quality is not negatively influenced above a pH value of 6.0.

The product will be irreversibly damaged at temperatures above 50 °C.

Under no circumstances may steam or an electric heating system be used to raise the temperature of the product. This will cause local surface overheating and irreversible damage to the product and storage tank.

To raise the temperature of the product a warm water or similar system is recommended set to 10 °C above the desired temperature, maximum 60 °C.

Products containing preservative or which have been preserved should be stored at the minimum possible temperature for handling to reduce depletion to a minimum.

Depending on the storage temperature, the pH may decrease with time.

If it is intended to store the product for an extended period at raised temperature the product should be monitored appropriately.

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Care Chemicals**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)
Inorganic**Composition hints for finished product label****INCI Components**

INCI Name (US/EU/CN)	Content
Sodium Caprylyl Sulfate	30 - 50 %

Water Content

Content
50 - 70 %

Miscellaneous information**Example of use**

Texapon® 842 UP shows a good wetting capacity in liquors with high electrolyte content and as an addition to surfactant solutions, Texapon® 842 UP lowers the low temperature cloud point.

Texapon® 842 UP reduces the often undesirably high viscosity of concentrated solutions of detergent raw materials and of blends with inorganic salts.

Texapon® 842 UP is a solubilizer / hydrotropic agent. It exhibits good solubility, stability, surface and interfacial activity in concentrated solutions of salt and alkalies.



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Care Chemicals

Intended for use as cosmetic and home care ingredient

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