

## Technical Information

**Texapon® ALS Benz**

PRD 30530367

Valid since	22.07.2021
Revision	1.1
WF-No.	27832
Page	1 of 4

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**Care Chemicals****Anoinics****Chemical description**

Ammonium lauryl sulfate

**Physical form:**

Liquid

**Molecular weight**

297 g/mol

CASR-No.	Ingredient	Remark
68081-96-9	Sulfuric acid, mono-C10-16-alkyl esters, ammonium salts	Most common description
90583-11-2	Sulfuric acid, mono-C12-14-alkyl esters, ammonium salts	REACH registration

**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	Slightly yellow viscous liquid
Odor at room temperature	Corresponds to the standard
Anionic surfactant (MW 297)	27.0 - 28.0 %
pH value 20 °C (10 % in water)	4.0 - 5.0
Ammonium chloride	max. 0.5 %
Color Hazen/APHA	max. 250

Specific methods used for batch release see Certificate of Analysis.

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

12 months

**Storage temperature**

Between + 15 °C and + 40 °C

**Storage conditions**

In original sealed containers and protected from moisture

**Additional information**

At temperatures below + 15 °C, crystallization may occur, in some cases accompanied by phase separation. This crystallisation and separation process is reversible when the product is heated and simultaneously stirred. In order to accelerate the dissolving process, Texapon® ALS Benz can be heated to 40 °C without impairing the product quality. Texapon® ALS Benz should only be stored in heatable rooms or tanks in air-conditioned rooms.

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**

Benzoic acid

**Antioxidants**

not present

**Solvents**

not present

**Others**

not present

**General information****Raw material basis**

Vegetable: (coconut / palm kernel oil)

Inorganic: (NH<sub>4</sub>OH, SO<sub>3</sub>)**Composition hints for finished product label****INCI Components****INCI Name (US/EU/CN)**

Ammonium Lauryl Sulfate

**Content**

20 - 40 %

**Auxiliaries****INCI Name (US/EU/CN)**

Benzoic Acid \*

**Content**

approx. 0.5 %

\* At the pH-value of the product in question Ammonium Benzoate are likely to be present.

**Water Content****Content**

60 - 80 %



We create chemistry

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**Care Chemicals**

## Miscellaneous information

### Example of use

The product is manufactured from fatty alcohols of natural origin by sulphation. Owing to its good foaming properties, the product is suited for use as a basic surfactant in cosmetic cleansing preparations such as shampoos, shower gels and foam baths.

**Intended for use as cosmetic and home care ingredient**

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