

The background of the entire advertisement is a close-up photograph of a woman with dark hair, smiling and washing her hair. She is holding a white shampoo bottle with a pink cap, which is tilted to dispense white foam onto a white, textured loofah. Water droplets are visible in the air around the foam.

ROSULfan™ A

Ammonium Lauryl Sulfate

Local. Global. Integrated.

Description

- an alternative to SLS and SLES
- milder effect on the skin compared to the basic anionic surfactants
- the ability to produce dense and stable foam

Application

- shampoos
- body wash products
- shower gels
- liquid soaps
- conditioners

in line with
cosmetic trends



guarantee the
consumer satisfaction



improvement of
Personal Care formulations



innovative
product



value
for money



ROSULfan™ A

Ammonium Lauryl Sulfate

Chemical name	Sulfuric acid, mono-C12-14 -alkyl esters, ammonium salts	
INCI name	Ammonium Lauryl Sulfate	
CAS number	90583-11-2	
Function	Base surfactant, foaming agent	
Technical requirements	Appearance at temperature 30°C	clear viscous liquid
	Klett colour, Klett value	max. 30
	pH of 20% solution	4.5 ÷ 6.0
	Active substance, % (m/m)	26.0 ÷ 28.0
	Unsulphated substance, % (m/m)	max. 0.6
	Ammonium sulphate (VI), % (m/m)	max. 1
General data	Density, g/mL	approx. 1.0
	Preservative	0.3% benzoic acid
	Molecular weight	approx. 294

Shampoo for damaged and fragile hair

Phase	INCI name	Brand name	Concentration [%]	Function
A	Aqua		46.62	solvent
A	Xanthan Gum		0.75	viscosity modifier
A	Glycerin		2.00	moisturising agent
A	Microcrystalline Cellulose		0.50	viscosity modifier
A	Aqua		13.00	solvent
A	Citric Acid		0.20	pH modifier
A	Polyquaternium 10		0.03	conditioning agent
B	PEG-7 Glyceryl Cocoate	ROKAcet KO300G	2.00	thickening agent
B	Ammonium Lauryl Sulfate	ROSULfan A	10.00	fragrance
B	Sodium Lauroyl Sarcosinate	ROKAtend LS	20.00	preservative
B	Cocamidopropyl Betaine	ROKAmina K30	3.50	secondary surfactant
C	Parfum		0.40	fragrance
C	Ethylhexyl glycerine, Phenoxyethanol		1.00	preservative

Appearance	visual method	viscosus milky gel
pH		5.0 - 7.0
Viscosity [cP]	Brookfield LV, spindle: 34, speed: 2,5 RPM, T:25°C	9000 - 11000
Stability	1 month in 5°C, 20°C, 40°C,	confirmed

Procedure:

1. In a main vessel combine ingredients from the phase A. Add xanthan gum to glycerin - mix until homogenous solution is obtained. Add warm water (50-55°C) and Microcrystalline Cellulose. Mix until homogenous solution is obtained. Homogenise for 2-3 minutes.

2. Combine ingredients from the phase B. During mixing add citric acid and polyquaternium-10 to
- warm water (50-60°C). Mix until homogenous solution is obtained. Add the rest of the phase B components. Mix until uniform.

3. Add phase B to phase A. Mix until homogenous solution is obtained. Cool the batch down to 30°C.

4. When the batch temperature is 30°C, add parfum and preservative. Mix until uniform.



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The information in the catalogue is believed to be accurate and compiled to the best of our knowledge; however, it should be considered as introductory only. Detailed information about our products is available in TDS and MSDS.

The suggestions for product applications are based on our best knowledge.

The responsibility for the use of products in conformity or otherwise with the suggested application, and for determining product suitability for the user's own purposes rests with the user.

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