



SULFOROKAnol™
A325/1
Ammonium Laureth Sulfate

Local. Global. Integrated.

Description

- very good foaming agent and foam stabiliser
- active in hard water
- compatible with anionic, non-ionic and amphoteric surfactants
- biodegradable
- remove oils and dirt from hair/skin without drying it out

Application

- shampoos
- shower gels
- bath foams
- bubble bath

in line with
cosmetic trends



guarantee the
consumer satisfaction



improvement of
Personal Care formulations



innovative
product



value
for money



SULFOROKAnol A325/1 Ammonium Laureth Sulfate

Chemical name	Fatty alcohols, ethoxylated, sulfated, ammonium salts	
INCI name	Ammonium Laureth Sulfate	
CAS number	32612-48-9	
Function	Foaming agent	
Technical requirements	Appearance at (20±25)°C	viscous liquid
	Active substance, %(m/m)	24 ÷ 26
	pH of 10% solution	6 ÷ 7
	Unsulphonated substances, %(m/m)	max 1.5
	Ammonium sulphate (VI), %(m/m)	max 0.6
General data	Molecular weight, g/mol	approx. 435
	Solubility in water	unlimited
	Other solvents	low aliphatic alcohols
	Density at 20°C, g/mL	approx. 1.04

Mild bright-green shampoo

Phase	INCI name	Brand name	Concentration [%]	Function
A	Aqua	–	up to 100	solvent
A	Benzophenone-4	–	0.05	UV absorber
A	CI 19140	–	q.s.	colorant
A	CI 42090	–	q.s.	colorant
A	Ammonium Laureth Sulfate	SULFOROKAnol A325/1	35.00	primary surfactant
A	Ammonium Lauryl Sulfate	ROSULfan A	15.00	primary surfactant
A	Sodium Benzoate, Potassium Sorbate	–	0.60	preservative
A	Citric Acid	–	q.s.	pH modifier
B	Aqua	–	1.5	solvent
B	Citric Acid	–	0.01	pH modifier
B	Polyquaternium-10	–	0.02	conditioning polymer
C	Parfum	–	0.50	fragrance composition
C	Cocamidopropyl Betaine	ROKamina K30	5.00	secondary surfactant
C	Sodium Chloride	–	1.80	viscosity modifier

Appearance	visual method	bright-green clear liquid
pH		4.7 – 5.5
Viscosity [cP]	Brookfield LV, spindle: 34, speed: 2,5 RPM, T:25°C	2000 - 5000
Stability	1 month in 5°C, 20°C, 40°C,	confirmed

Procedure:

1. During mixing add citric acid and polyquaternium-10 to warm water (40-45°C). Mix until homogenous solution is obtained.
2. Add ingredients from phase A to warm water (40-45°C). While mixing add ingredients one after another in the order from the table above. Mix until uniform.
3. Add phase B to phase A. Mix until homogenous solution is obtained. Cool the batch down to 35°C.
4. Add parfum and cocamidopropylbetaine during mixing. Mix until homogenous solution is obtained.
5. If necessary, add sodium chloride to adjust the viscosity.
6. Control pH range – if necessary, add citric acid. Mix well after adjustment. For 24 hours until product is aerated.



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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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