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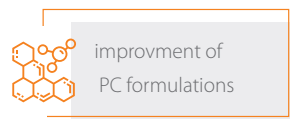
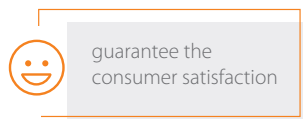
*Designed with
the thought
about you*

SULFOROKAnol™ A325/1

AMMONIUM LAURETH SULFATE

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.

Mild bright-green shampoo

Phase	INCI name	Brand name	Concentration [%]	Function
A	Aqua		41.325	solvent
	Benzophenone-4		0.05	UV absorber
	CI 19140		0.002	colorant
	CI 42090		0.00045	colorant
	Ammonium Laureth Sulfate	SULFOROKAnol A325/1	35.00	primary surfactant
Ammonium Lauryl Sulfate	ROSULfan A	15.00	primary surfactant	
	Sodium Benzoate, Potassium Sorbate		0.60	preservative
	Citric Acid		0.155	pH modifier
B	Aqua		1.5	solvent
	Citric Acid		0.01	pH modifier
	Polyquaternium-10		0.02	conditioning polymer
C	Parfum		0.50	fragrance composition
	Cocamidopropylbetaine	ROKamina K30	5.00	secondary surfactant
	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



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)	5.5 ÷ 8.5
	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
	Solubility in water	unlimited
	Other solvents	low aliphatic alcohols
	Density at 20°C, g/mL	approx. 1.04

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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