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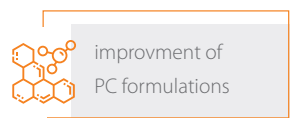
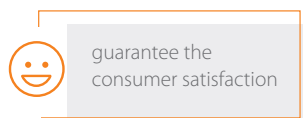
*Designed with
the thought
about you*

EXOp_earl N

PEARLING AGENT

Description

- creates pearl effect,
- easy to use,
- stabilizes foam.



Application

- shampoos,
- bath foams,
- shower gels,
- liquid soaps,
- face wash gels,
- baby products.

Mild pearling gel for skin face

Phase	INCI name	Brand name	Concentration [%]	Function
A	Aqua		45.90	solvent
	Xanthan Gum		0.65	viscosity modifier
	Glycerin		2.00	moisturising agent
	Sodium Benzoate. Potassium Sorbate		0.60	preservative
B	Aqua		15.70	solvent
	Magnesium Laureth Sulfate	EXOsoft MG	20.00	primary surfactant
	Sodium Lauroyl Sarcosinate	ROKAtend LS	10.00	primary surfactant
	Cocamidopropyl Betaine	ROKAmina K30	3.40	secondary surfactant
C	Citric Acid		0.25	pH modifier
	Sodium Laureth Sulfate, Cocamide DEA, Glycol Distearate	EXOpearl N	1.00	pearling agent
	Parfum		0.50	fragrance composition

EXOpearl N PEARLING AGENT

Chemical name	Mixture of anionic and non-ionic surfactants	
INCI name	Sodium Laureth Sulfate (and) Cocamide DEA (and) Glycol Distearate	
CAS number	-	
Function	Pearling agent and foam stabilizer	
Technical requirements	Appearance at (20÷25)°C	opaque, white liquid
	Dry matter, % (m/m)	38 ÷ 43
	pH of 10% solution	7.0 ÷ 8.5
	Chlorides as NaCl, % (m/m)	max 1.0
General data	Solubility in water	forms milky dispersion
	Viscosity at 20°C, cP	1500 ÷ 5000
	Density at 20°C, g/mL	approx. 1.03

APPEARANCE	visual method	viscous pearling gel
pH		4.8 - 5.5
VISCOSITY [cP]	Brookfield LV, spindle 34, speed 4 RPM, 25°C	6000 - 9000
STABILITY	1 month in 5°C, 20°C, 40°C,	confirmed



1. In a main vessel combine ingredients from phase A. Add xanthan gum to glycerin - mix until homogenous solution is obtained. Add warm water (40-50°C) and preservative. Mix until homogenous solution is obtained. Homogenise for 2-3 minutes.
2. Combine ingredients from phase B. Add ingredients from phase B to warm water (40-45°C). Mix until homogenous solution is obtained.
3. Add phase B to phase A. Mix until homogenous solution is obtained. Cool the batch down to 30°C.
4. Adjust pH to 4.8 - 5.5 by using citric acid. Mix well after adjustment.
5. Add ingredients from phase C. Mix until homogenous solution is obtained.

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