

A woman with dark hair tied back is sitting in a white bathtub filled with soapy water and bubbles. She is holding a pink, textured bath sponge in her right hand and has her left hand resting on a large, smooth, orange-colored bath bomb that is partially submerged in the water. The background shows a window with light coming through.

EXOsoft PC35

Potassium Cocoate

Local. Global. Integrated.

Description

- excellent foam capabilities
- bright color
- low odor
- naturally - derived
- preservative - free
- excellent choice for sulfate-free formulations
- excellent thickening abilities

Application

- shampoos
- bar soaps
- liquid hand soaps
- industrial hand soaps
- surgical scrub soaps
- hard surface cleaners

in line with
cosmetic trends



guarantee the
consumer satisfaction



improvement of
Personal Care formulations



innovative
product



value
for money



EXOsoft PC35

Potassium Cocoate

Chemical name	Fatty acids, potassium salts	
INCI name	Potassium Cocoate	
CAS number	61789-30-8	
Function	Thickener, emulsifier, foaming agent, cleansing agent, moisturizer	
Technical requirements	Appearance at temperature (20÷25)°C	liquid
	Colour (Gardner units) at (20÷25)°C	max. 3
	pH of 10% solution product	10.5 - 11.3
	Dry matter, %(m/m)	34 - 36
General data	Molecular weight, g/mol	260
	Solidification point, °C	approx. -5
	Viscosity at 25°C, cP	max. 100
	Density at 20°C, g/mL	approx. 1.03
	Preservative	none

Shaving cream [KD-149]

Phase	INCI name	Brand name	Concentration [%]	Function
A	Aqua		47.50	solvent
	Acrylates Copolymer		6.00	rheology modifier
B	Potassium Hydroxide		1.00	pH adjuster
C	Ceteareth-25, Cetearyl Alcohol	EXOcare TE25 flakes	4.00	emulsifier
	Palmitic Acid		1.00	rheology modifier
	Stearic Acid		1.00	rheology modifier
D	Magnesium Aluminum Silicate		1.00	rheology modifier
E	Potassium Cocoate	EXOsoft PC35	14.00	surfactant
	Sodium Laureth Sulfate	SULFOROKAnol L227/1	13.00	surfactant
	Coco Betaine	ROKAmina K30B	10.00	surfactant
	Phenoxyethanol, Ethylhexylglycerin		1.00	preservative
	Parfum		0.50	fragrance
	Appearance	visual method		creamy emulsion
	pH			7.5 – 8.5
	Stability	1 month in 50C, 200C, 400C		confirmed

Procedure:

1. In a main vessel combine ingredients from phase A - mix until uniform. Add Potassium Hydroxide - mix until uniform.
2. In a separate vessel combine ingredients from phase C. Heat the phase A and C up to 75-80°C (separately). Add phase C to A while mixing. Homogenize with 2500-3500 RPM, 90 sec. Add Magnesium Aluminum Silicate (phase D) - homogenize with 2500-3500 RPM, 90 sec.
3. Prepare the remaining ingredients in separate beakers.
4. Cool the batch down to 25°C while mixing. Add phase E ingredients while.

Shower gel [KD-107]

Phase	INCI name	Brand name	Concentration [%]	Function
A	Aqua		67.00	solvent
	Potassium Cocoate	EXOsoft PC35	16.00	surfactant
	Cocamide DEA	ROKAmid KAD	1.50	surfactant
B	Cocamidopropyl Betaine	ROKAmina K30K	7.00	surfactant
C	Parfum		0.50	fragrance
D	Betaine		1.00	active
E	Sodium Chloride		2.00	thickener
	Aqua		5.00	solvent
Appearance		visual method		transparent gel
pH				8.0 – 9.0
Viscosity [cP]		Brookfield LV, spindle 34, speed 2.5 RPM, T:25OC		min. 1000
Stability		1 month in 5OC, 20OC, 40OC		confirmed

Procedure:

1. In a vessel combine ingredients from phase A - mix until uniform.
2. Add ingredients from phase B-D while mixing - mix until uniform. In a separate vessel combine ingredients from phase E - mix until uniform.
3. Add slowly phase E while mixing - 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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