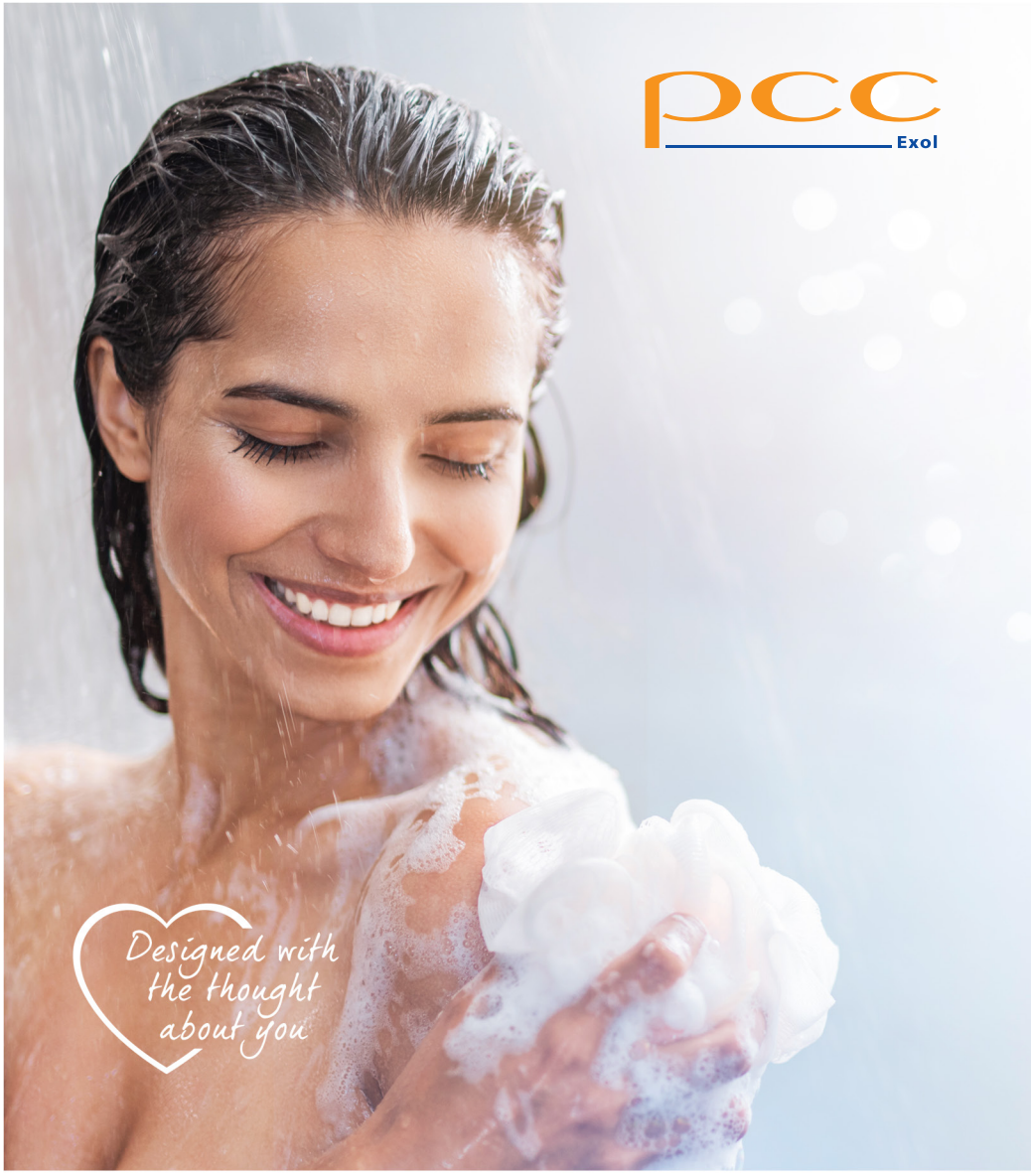

EXOcare PC60

MIXTURE OF: SODIUM LAURETH SULFATE
(AND) COCAMIDOPROPYL BETAINE (AND) COCO-GLUCOSIDE

Description

- concentrated form,
- possible use as a base for many different cosmetic and detergent formulations,
- creates a very rich and stable foam,
- exhibits excellent thickening properties,
- does not contain alkanolamides derivatives,
- all components of the concentrated blend are biodegradable.

Application

- shower gels,
- shampoos and bath liquids, including the highest quality products with luxurious foaming properties,
- liquid soaps,
- cleaning products for children,
- light detergents, such as hand dishwashing liquids,
- mild cleaners for toilets.

in line with cosmetic trends

guarantee the consumer satisfaction

improvment of PC formulations

innovative product

value for money

EXOcare PC60

MIXTURE OF: SODIUM LAURETH SULFATE (AND) COCAMIDOPROPYL BETAINE (AND) COCO-GLUCOSIDE

Chemical name	Mixture of sodium lauryl ether sulfate, cocamidopropylbetaine and alkyl polyglycoside	
INCI name	Sodium Laureth Sulfate (and) Cocamidopropyl Betaine (and) Coco-Glucoside	
CAS number	68831-38-3; 110615-47-9; 68515-73-1	
Function	Base for cosmetic formulation	
Technical requirements	Appearance at temperature (20÷25)°C	paste, transluscent to pale yellow
	Active substance, %(m/m)	60 ÷ 63
	pH of 10% solution of product	9.5 ÷ 11.4
General data	Solubility in water	complete
	Density at 20°C, g/mL	approx. 1.0
	Viscosity, cP	3000 ÷ 8000
	Anionic substance, % (m/m)	42 ÷ 45
	Odour	characteristic

Economic liquid hand soap [KD-103]

Phase	INCI name	Brand name	Concentration [%]	Function
A	Aqua		87.3416	solvent
	Sodium Laureth Sulfate, Cocamidopropyl Betaine, Coco-Glucoside	**EXOcare PC60**	**8.00**	**surfactant**
	Sodium Benzoate, Potassium Sorbate		0.50	preservative
	Betaine		0.50	active
	Lactic Acid		0.15	pH adjuster
	Cocamide DEA	**ROKAmid KAD**	**0.50**	**surfactant**
B	Parfum		0.50	fragrance
	CI 42090		0.0004	colorant
	CI 19140		0.0080	colorant
C	Sodium Chloride		2.50	thickener

APPEARANCE	visual method	light-green, viscosus gel
pH		4.8 - 5.3
VISCOSITY [cP]	Brookfield LV, spindle 34, speed 3.0 RPM, T: 25°C	2000 - 5000
STABILITY	1 month in 5°C, 20°C, 40°C	confirmed

1. Combine ingredients from phase A. Mix until uniform.

2. Add phase B ingredients. Mix until uniform.

3. Add sodium chloride while mixing. Mix until uniform.

4. Control viscosity and pH.

Moisturizing body wash gel [KD-104]

Phase	INCI name	Brand name	Concentration [%]	Function
A	Aqua		81.25	solvent
	Sodium Laureth Sulfate, Cocamidopropyl Betaine, Coco-Glucoside	**EXOcare PC60**	**15.00**	**surfactant**
	Sodium Benzoate, Potassium Sorbate		0.50	preservative
	Allantoin		0.10	active
	Lactic Acid		0.15	pH adjuster
B	PEG-120 Methyl Glucose Dioleate		0.50	thickener
	Parfum		0.50	fragrance
	Urea		0.50	active
C	Sodium Chloride		1.50	thickener

APPEARANCE	visual method	transparent, viscosus gel
pH		4.8 - 5.5
VISCOSITY [cP]	Brookfield LV, spindle 34, speed 3.0 RPM, T: 25°C	2000 - 7000
STABILITY	1 month in 5°C, 20°C, 40°C	confirmed

1. Combine ingredients from phase A. Mix until uniform.
2. Add ingredients from phase B while mixing. Mix until uniform.
3. Add Sodium Chloride while mixing. Mix until uniform.