



# EXOcare PC60

Sodium Laureth Sulfate (and)  
Cocamidopropyl Betaine (and) Coco-Glucoside

Local. Global. Integrated.

## 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.



## 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, translucent 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
A	Sodium Laureth Sulfate, Cocamidopropyl Betaine, Coco-Glucoside	EXOcare PC60	8.00	surfactant
A	Sodium Benzoate, Potassium Sorbate	-	0.50	preservative
A	Betaine	-	0.50	active
A	Lactic Acid	-	0.15	pH adjuster
B	Cocamide DEA	ROKAmid KAD	0.50	surfactant
B	Parfum	-	0.50	fragrance
B	CI 42090	-	0.0004	colorant
B	CI 19140	-	0.0080	colorant
C	Sodium Chloride	-	2.50	thickener

<b>Appearance</b>	visual method	light-green, viscous gel
<b>pH</b>		4.8 - 5.3
<b>Viscosity [cP]</b>	Brookfield LV, spindle 34, speed 3.0 RPM, T: 25°C	2000 - 5000
<b>Stability</b>	1 month in 5°C, 20°C, 40°C	confirmed

### Procedure:

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
A	Sodium Laureth Sulfate, Cocamidopropyl Betaine, Coco-Glucoside	EXOcare PC60	15.00	surfactant
A	Sodium Benzoate, Potassium Sorbate	-	0.50	preservative
A	Allantoin	--	0.10	active
A	Lactic Acid	-	0.15	pH adjuster
B	PEG-120 Methyl Glucose Dioleate	-	0.50	thickener
B	Parfum	-	0.50	fragrance
B	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

Procedure:

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.





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The suggestions for product applications are based on our best knowledge.

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