



# 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 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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