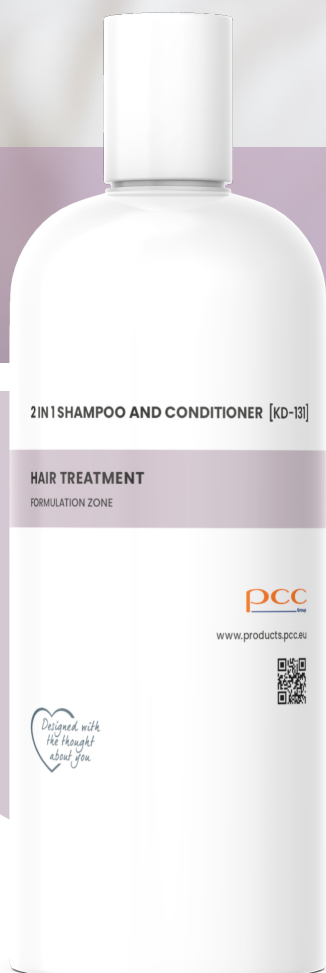




PERSONAL CARE  
**HAIR TREATMENT**



**2 IN 1 SHAMPOO AND  
CONDITIONER [KD-131]**

# 2 IN 1 SHAMPOO AND CONDITIONER [KD-131]

| PHASE | INCI NAME                                                     | BRAND NAME           | CONCENTRATION [%] | FUNCTION          |
|-------|---------------------------------------------------------------|----------------------|-------------------|-------------------|
| A     | Aqua                                                          |                      | up to 100.00      | solvent           |
|       | Sodium Laureth Sulfate                                        | SULFOROKAnol® L227/1 | 12.00             | surfactant        |
|       | Zinc Coceth Sulfate                                           | EXOsoft ZN           | 20.00             | surfactant        |
|       | Polyquaternium-7                                              |                      | 1.00              | film forming      |
| B     | Aqua, Sodium Benzoate, Potassium Sorbate                      |                      | 0.50              | preservative      |
|       | Allantoin                                                     |                      | 0.01              | active            |
|       | CI 77891, Mica                                                |                      | 0.01              | colorant          |
|       | PEG-7 Glyceryl Cocoate                                        | ROKAcet KO300G       | 0.50              | surfactant        |
|       | PEG-120 Methyl Glucose Dioleate                               |                      | 1.00              | thickener         |
| C     | Glycerin                                                      |                      | 0.45              | solvent           |
|       | Xanthan Gum                                                   |                      | 0.20              | rheology modifier |
| D     | Sodium Laureth Sulfate and Cocamide DEA and Glycol Distearate | EXOpearl N           | 1.00              | surfactant        |
| E     | Parfum                                                        |                      | 0.50              | fragrance         |
| F     | Cocamidopropyl Betaine                                        | ROKAmina®K30         | 6.00              | surfactant        |
| G     | Sodium Chloride                                               |                      | 0.50              | thickener         |



|                |                                                   |              |
|----------------|---------------------------------------------------|--------------|
| pH             |                                                   | 4.7 - 5.5    |
| Apperance      | visual method                                     | pearling gel |
| Viscosity [cP] | Brookfield LV, spindle 34, speed 3.0 RPM, T: 25°C | 5000 - 12000 |
| Stablility     | 1 month at 5°C, 20°C, -5/40°C                     | confirmed    |

## Procedure:

1. In a main vessel combine ingredients from phase A – mix until uniform (cloudy solution). In a separate vessel combine ingredients from phase C – mix until uniform.
2. Prepare the remaining ingredients in separate beakers.
3. Add ingredients from phase B – mix until uniform.
4. Add phase C ingredients while mixing – mix until uniform.
5. Add phase D-F ingredients while mixing – mix until uniform.
6. Add slowly Sodium Chloride while mixing – mix until uniform.



The information in the catalogue is believed to be accurate and to the best of our knowledge, but should be considered as introductory only. Detailed information about products is available in TDS and MSDS. Suggestions for product applications are based on our the best of our knowledge.

The responsibility for the use of products in conformity or otherwise with the suggested application and for determining product suitability for your own purposes rests with the user.

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