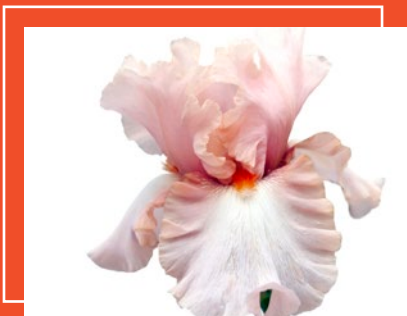


# 3IN1CLEANSER GEL

## Foaming Conditioning Odor Control

Do you want a multipurpose product that allows you to simplify your shower routine and cleanse your body, face and hair all-in-one go? This one has excellent foaming performance and conditions both your hair and skin while fighting against body odor. Discover our 3-in-1 shower gel that provides a very easy starting composition for cleansing formulations.



## INGREDIENTS SPOTLIGHT

### AKYPO® FOAM LM 25

Mild anionic surfactant. Ability to create rich, gentle and creamy foam with micro-size bubbles that contribute to a very dense and stable foam. [#foaming](#)

### Colo® Teric CHGL

Sultaine amphoteric surfactant. Extremely efficient foam booster, stabilizer, and thickener. Derived natural with a natural origin index of 0.82 according to ISO 16128. [#foaming](#)

### KAO SOFCARE® GP-1

Eco-friendly, vegetable based hair conditioning agent. Enhances shine and manageability, imparts smoothness. Easy-to-use, enables to keep clear and viscous systems. [#conditioning](#)

### TRIS AMINO™ ULTRA PC

100% biodegradable multifunctional ingredient with excellent safety profile. Acts as an odor control active by neutralizing molecules responsible for human body odors at an optimum dosage of 2% active at pH 7. [#odorcontrol](#)

# 3IN1CLEANSER GEL

Foaming | Conditioning | Odor Control

| Trade name                                      | INCI name   | Function   | Supplier                                 | %             |
|---|---|--|--|---------------|
| <b>Phase A</b>                                  |   |  |  |               |
|   | Water (Aqua)  | Solvent  | Univar Solutions*                        | Q.S.<br>54.68 |
| TRIS AMINO™ ULTRA PC<br>(20% solution in water) | Tromethamine  | Multifunctional additive, odor control active, pH buffer | ANGUS® / Univar Solutions*               | 10.0          |
| AKYPO® FOAM LM 25                               | Potassium Laureth-4 Carboxylate                       | Anionic surfactant                                       | Kao Chemicals Europe / Univar Solutions* | 18.0          |
| Cola® Teric CHGL                                | Cocamidopropyl Hydroxysultaine (and) Glyceryl Laurate | Amphoteric surfactant                                    | Colonial Chemical / Univar Solutions*    | 12.0          |
| Stabil ZERO                                     | Pentylene Glycol, Caprylyl Glycol, Ethylhexylglycerin | Alternative preservative                                 | Akema / Univar Solutions*                | 1.5           |
| Iris Coral SY164145                             | Fragrance   | Fragrance  | Kao Fragrances / Univar Solutions*       | 0.22          |
| KAO SOFCARE® GP-1                               | PPG-3 Coprylyl Ether                                  | Conditioning agent                                       | Kao Chemicals Europe / Univar Solutions* | 1.0           |
|   | Citric Acid (50% solution in water)                   | pH adjuster  |  | 2.3           |
| <b>Phase B</b>                                  |   |  |  |               |
| KAOPAN® TW-IS3995                               | PEG-160 Sorbitan Triisostearate                       | Surfactant, non ionic thickener                          | Kao Chemicals Europe / Univar Solutions* | 0.3           |

## PROCEDURE (COLD PROCESS)

1. In the main vessel, add ingredients of phase A in the order listed under slow agitation. Ensure everything is homogeneous between each addition
2. Adjust pH around 7.0 with citric acid
3. Add phase B to phase A and mix until homogeneous

## STABILITY

Stable at least 2 months at 4°C, RT and 40°C (still ongoing).

## COMMENTS

- pH = 7.04
- Viscosity (spindle 4; 10 rpm; 1min) = 10,380 cPs (51.9%)
- Application: Apply a dollop on wet hair or skin and massage on your scalp, body or face. Rinse-off
- Clear transparent gel

## FORMULATION TIPS

- To achieve the best foaming result in this sulfate-free formula, two complementary surfactants, AKYPO® FOAM LM 25 and Cola® Teric CHGL, are used in an optimised ratio (3:1 anionic:amphoteric)
- The viscosity is adjusted at the end to facilitate the incorporation of the ingredients
- In that system of surfactants, be sure to achieve a pH higher than 6.5 to get a clear solution



## OUR CLEAN BEAUTY RULES

-  Sustainability  
Multifunctional formula.
-  Marketing  
Short INCI list, performance, minimalist.
-  Ethics  
Supplier CSR policy.
-  Performance / Innocuity  
Mild products.
-  Formulation Process  
Cold process, easy rinsing.

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