

C-301

SHOWER GEL

ULTRA MILD

GUIDELINE FORMULARY

DESCRIPTION

Sulfate-free shower gel
Mild and soft clear shower gel
Enriched with antioxidant to neutralize free radicals
It contains ingredients that stimulate cell renewal

COMPOSITION

	%
BETADET® SHR	25.3
SUCCIDET® S 30 UK	19.3
AKYPO® FOAM RL 40	10.0
AMIDET® N	4.1
DANOX® BF-22	3.0
Glycerine	2.4
Opuntia Ficus Indica Flower Extract ⁽¹⁾	1.5
Tocopherol ⁽²⁾	0.4
D- Panthenol ⁽³⁾	0.2
Preservative ⁽⁴⁾	0.8
Citric Acid (50% solution)	q.s.
Deionized Water	Up to 100

- (1) Exfolactive from Silab
(2) Vitamine E Acetate from BASF
(3) Provit® 50 from BASF
(4) Microcare® SB from Thor

TECHNICAL CHARACTERISTICS

Kao Method

APPEARANCE (20°C):	White pearled viscous liquid	KCSA-258
pH (as it is):	5.0 - 5.5	KCSA-014
VISCOSITY BROOKFIELD (20°C, cP):	Approx. 5,000	KCSA-227
STABILITY TEST:	Correct	(1 month 40°C/RT/5°C)

RECOMMENDED OPERATIVE METHOD

Mix water with AKYPO® FOAM RL 40, SUCCIDET® S 30 UK, BETADET® SHR and Exfolactive and stir until complete homogenization.

Mix AMIDET® N with Glycerine , Tocopherol and D-Panthenol and once it is homogeneous add to previous mixture at room temperature.

Add DANOX® BF-22 and stir until complete homogenization.

Add preservative (soluble), perfume (15 minutes of agitation are usually needed to solubilize it).

COMPONENTS

AKYPO® FOAM RL 40 (Sodium Laureth-5 Carboxylate, ≈ 60% a.m.): crypto-anionic character, it combines the properties of the anionic and non-ionic surfactants. Mild foam-booster for Personal Care products. Produces a rapid foam and improves the foam behaviour of cleansing products when used as co-surfactant.

AMIDET® N (PEG-4 Rapeseedamide, ≈ 95% a.m.): non-ionic character. Nitroso-amines free thickener. It increases the foam volume and improves the quality of it. It reduces the irritation potential of the anionic surfactants on the skin. Multi-functional agent.

BETADET® SHR (Cocamidopropyl Hydroxysultaine, ≈ 44% a.m.): amphoteric character. Very mild co-surfactant. It decreases the irritation level of anionic surfactants, improving the quality of the foam and performing also as a thickener.

DANOX® BF-22 (pearling concentrate, ≈ 45% dry matter): amphoteric and non-ionic character. It modifies the final appearance of the formula, giving a beautiful pearled appearance. Suggested dosage: 3 - 6%.

SUCCIDET® S 30 UK (Disodium Laureth Sulfosuccinate, ≈ 31% a.m.): anionic character. Very mild surfactant with foaming properties. Used as co-surfactant in baby cleansers.

The information and recommendations in this publication are to the best of our knowledge reliable. However, nothing herein is to be construed as a warranty or representation. Users should make their own tests to determine the applicability of such information or the suitability of any products for their own particular purpose.

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Ref. C-215/18007

(Edited July 2020. Updated version August 2020)



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