

# C-215

# SHOWER GEL

## ULTRA MILD

### GUIDELINE FORMULARY

#### DESCRIPTION

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

#### COMPOSITION

	%
BETADET® HR	37.1
SUCCIDET® S30 UK	19.3
AKYPO® FOAM RL 40	10.0
AMIDET® N	4.1
Glycerine	2.4
Opuntia Ficus Indica Flower Extract <sup>(1)</sup>	1.5
Tocopherol <sup>(2)</sup>	0.4
D- Panthenol <sup>(3)</sup>	0.4
Preservative	q.s.
Deionised Water	Up to 100

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

#### TECHNICAL CHARACTERISTICS

#### Kao Method

APPEARANCE (20°C):	Clear colourless	KCSA-258
pH (as it is):	Approx. 5.5	KCSA-014
VISCOSITY BROOKFIELD (20°C, cP):	Approx. 15,800	KCSA-227
STABILITY TEST:	Correct	(2 months 40°C/RT/5°C)

## RECOMMENDED OPERATIVE METHOD

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

Mix AMIDET® N with GLC 99%, Tocopherol and D-Panthenol and once it is homogeneous add to previous mixture at room temperature and homogenization.

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

## COMPONENTS

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**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® HR** (Cocamidopropyl Betaine, ≈ 35% dry matter): amphoteric character. Secondary surfactant. It decreases the irritation level of the anionic surfactants on the skin, improving level and quality of the foam. Additional thickening affect.

**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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