

C-276

SHOWER GEL

ULTRA MILD

GUIDELINE FORMULARY

DESCRIPTION

Sulfate-free shampoo
Mild and emolient properties
Foaming bath gel

COMPOSITION

	%
AKYPO® FOAM RL 40	25.0
BETADET® HR	15.0
LEVENOL® H&B	1.0
KAO Fragrance	q.s.
Preservative ⁽¹⁾	0.5
Citric acid (50% solution)	q.s.
Deionized Water	Up to 100

(1) Microcare® SB from Thor

TECHNICAL CHARACTERISTICS

Kao Method

APPEARANCE (20°C):	Yellowish clear viscous liquid	KCSA-258
pH (as it is):	5.0 - 5.5	KCSA-014
VISCOSITY BROOKFIELD (20°C, cP):	Approx. 4,000	KCSA-227
STABILITY:	Correct	(1 month 40°C/RT/5°C)

RECOMMENDED OPERATIVE METHOD

Charge Deionized Water.

Add AKYPO® FOAM RL 40, stirring until total homogeneity.

Add BETADET® HR, stirring until total homogeneity.

Add LEVENOL® H&B, perfume and preservative. Stir after each addition until total homogeneity.

Adjust pH to 5.0-5.5 with citric acid 50%.

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.

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.

LEVENOL® H&B (Glycereth-2 Cocoate, ≈ 100% a.m.): non-ionic character. Extra-mild surfactant, with emulsifying properties. Skin emollient and moisturizing agent. Foam booster and thickening agent. Ecological product. It doesn't need any risk or safety warnings on its label. In hair rinse application increases the conditioning effect of the cationic component, giving smoothness. % of use in Hair Rinse = between 0.1 - 2%.

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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