

C-295

GENTLE FACIAL WASH

MOISTURIZING

GUIDELINE FORMULARY

DESCRIPTION

Sulfate-free facial wash
Mild and smooth cleansing
Cell water balance control

COMPOSITION

	%
BETADET® SHR	18.2
AKYPO® FOAM LM 25	14.3
KAOPAN® TW-IS399S	0.5
Glycerine	5.0
Betaine ⁽¹⁾	1.0
KAO Fragrance	q.s.
Preservative ⁽²⁾	0.7
Lactic Acid (10% solution)	q.s.
Deionized Water	Up to 100

(1) Genecare® OSMS BA from DuPont

(2) Euxyl® PE 9010 from Schülke

TECHNICAL CHARACTERISTICS

Kao Method

APPEARANCE (20°C):	Clear viscous liquid	KCSA-258
pH (as it is):	5.7 - 6.2	KCSA-014
VISCOSITY BROOKFIELD (20°C, cP):	Approx. 20,000	KCSA-227
COLD CLOUD POINT (°C):	4	KCSA-246
STABILITY TEST:	Correct	(1 month 40°C/RT/5°C)

RECOMMENDED OPERATIVE METHOD

Charge deionized water.

Add AKYPO® FOAM LM 25, stirring until complete homogenization.

Add BETADET® SHR, stirring until complete homogenization

Add Glycerine 99%, stirring until complete homogenization.

Add Betaine, stirring until complete homogenization.

Add perfume and preservative, stir after each addition until complete homogenization.

Adjust pH to 5.7 – 6.2 with Lactic Acid 10%.

Adjust viscosity with KAOPAN® TW-IS399S, stirring until complete homogenization.

COMPONENTS

AKYPO® FOAM LM 25 (Potassium Laureth-4 Carboxylate, ≈ 60% a.m.): anionic character. Primary surfactant. Offers a soft and creamy foam, very stable and with special texture. Very mild and easy to thicken surfactant. Specially designed for sulfate-free formulations.

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.

KAOPAN® TW-IS399S (PEG-160 Sorbitan Triisostearate, ≈ 75% a.m.): non-ionic character. Liquid thickener for any type of cleansing surfactant systems. Specially designed to increase viscosity of sulfate-free formulations. Processable at room temperature.

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