

C-291

FACIAL CLEANSER

SOAP LIKE FEELING

GUIDELINE FORMULARY

DESCRIPTION

Soap-like feeling
Sulfate-free
Easily rinsed

COMPOSITION

	%
AKYPO® LF-2	10.1
AKYPO® RLM 45 CA	9.8
BETADET® THC-2	7.6
KAOPAN® TW-IS399S	5.0
Decyl Glucoside	6.0
Preservative ⁽¹⁾	0.5
Sodium Hydroxide (50% solution)	q.s.
Deionized Water	Up to 100

(1) Microcare® SB from Thor

TECHNICAL CHARACTERISTICS

Kao Method

APPEARANCE (20°C):	Clear viscous liquid	KCSA-258
pH (as it is):	5.0 - 5.5	KCSA-014
VISCOSITY BROOKFIELD (20°C, cP):	Approx. 2,300	KCSA-227
DRY MATTER (%):	Approx. 30.0	KCSA-092
STABILITY TEST:	Correct	(1 month 40°C/RT/5°C)

RECOMMENDED OPERATIVE METHOD

Dissolve AKYPO® RLM 45 CA in water under stirring.

After complete dissolution, add AKYPO® LF-2. Stir until total homogeneity.

Add BETADET® THC-2 and Decyl Glucoside. Stir after each addition until the mixture is homogeneous

Add KAOPAN® TW-IS399S to achieve the desired viscosity.

Add the preservative.

Adjust pH with NaOH (50%) to 5.0 - 5.5.

COMPONENTS

AKYPO® LF2 (Caprileth-9 Carboxylic acid, ≈ 90 % a.m.): anionic character. Low foaming surfactant stable at high alkaline or acidic conditions. It shows also good stability in the presence of high electrolytes content. Hydrotropic properties.

AKYPO® RLM 45 CA (Laureth-6 Carboxylic acid, ≈ 95% a.m.): crypto-anionic character, it combines the properties of the anionic and non-ionic surfactants. Foaming co-surfactant, with solubilizing properties and very mild for the skin.

BETADET® THC-2 (Disodium Cocoamphodiacetate, ≈ 40% a.m.): amphoteric character. Very mild co-surfactant. It decreases the irritation level of the anionic surfactants on the skin, improving volume and quality of the foam. Additional thickening affect.

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.

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.

Statements concerning the use of the products described herein are not to be construed as recommending the infringement of any patent and no liability for infringement arising out of any such use is assumed.

Ref. C17009/F.C 6-B

(Edited Sep 2017. Updated version July 2020)



Enriching lives,
in harmony with nature.

www.kaochemicals-eu.com