

C-229

INTIMATE HYGIENE

ULTRA MILD

GUIDELINE FORMULARY

DESCRIPTION

SLES and Sulfate free formulation

Very mild formulation

Soothing and anti-inflammatory thanks to camomile extract

COMPOSITION

	%
BETADET® HR	18.3
AMIDET® N	5.3
AKYPO® SOFT 100 BVC	4.3
EXCEPARL® LM-LC	0.6
Camomille Extract	0.2
KAO Fragrance	q.s.
Dye(s)	q.s.
Preservative	q.s.
NaOH (10% solution)	q.s.
Deionized Water	Up to 100

TECHNICAL CHARACTERISTICS

Kao Method

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

RECOMMENDED OPERATIVE METHOD

Add to the water the following surfactants: AKYPO® SOFT 100 BVC, BETADET® HR, AMIDET® N, and EXCEPARL® LM-LC and then stir until complete homogenization.

Add the Camomile Extract and the Preservative to the main vessel and stir until complete homogenization.

Adjust pH (it is recommended to use diluted sodium hydroxide to increase it and citric or lactic acid if a pH decrease is necessary).

COMPONENTS

AKYPO® SOFT 100 BVC (Sodium Laureth-11 Carboxylate, ≈ 70% 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.

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.

EXCEPARL® LM-LC (Lauryl Lactate, ≈ 100% a.m.): non-ionic character. Liquid ingredient derived from renewable sources. Thickener for cleansing compositions. It can be added at room temperature. Recommended dosage for rinse-off formulations, between 0.3 and 3%. For skin care application, it performs as skin emollient with high/medium spreadability and low oiliness. Recommended use percentage for skin care is 10% max. Excellent solubilizing properties for UV-filters.

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. C11002_C-186

(Edited May 2011. Updated version July 2020)



Enriching lives,
in harmony with nature.

www.kaochemicals-eu.com