

C-213

HAND CREAM

MOISTURIZING

GUIDELINE FORMULARY

DESCRIPTION

Designed for dry and mature skin
Soft and highly emollient cream without greasy feeling
It contains papaya fruit

COMPOSITION	%
LEVENOL® H&B	5.0
KALCOL® 6850	1.0
AKYPO® RLM 100	1.0
Mineral Oil	8.0
Isopropyl Myristate ⁽¹⁾	7.0
Glycerin	5.0
Tocopheryl Acetate ⁽²⁾	0.5
Carbomer ⁽³⁾	0.5
Brazilian Papaya Fruit ⁽⁴⁾	0.2
KAO Fragrance	q.s.
Preservative ⁽⁵⁾	q.s.
Deionized Water	Up to 100

(1) Waglinol® 6014 from Lasem

(2) Dermofeel® E74A from Dr. Straetmans

(3) Carbopol® Ultrez 21 from Lubrizol

(4) Fruit Liquid Brazilian Papaya from Crodarom

(5) Glydant® Plus Liquid from Lonza

TECHNICAL CHARACTERISTICS		Kao Method
APPEARANCE (20°C):	White viscous emulsion	KCSA-258
pH (as it is):	Approx. 5.5	KCSA-014
VISCOSITY BROOKFIELD (20°C, cP):	Approx. 56,000	KCSA-227
STABILITY TEST:	Correct	(2 months 40°C/RT/5°C)

RECOMMENDED OPERATIVE METHOD

Mix Tocopheryl Acetate, Mineral Oil and Isopropyl Myristate with KALCOL® 6850, AKYPO® RLM 100 and LEVENOL® H&B at 70°C.

Mix deionized water with Glycerin, Brazilian Papaya Fruit and Carbomer and stir until complete homogenization. Once it is homogeneous add to previous mixture.

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

COMPONENTS

AKYPO® RLM 100 (Laureth-11 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.

KALCOL® 6850 (Cetearyl Alcohol, C1618:50/50 approx., ≈ 100% a.m.): non-ionic character. Co-emulsifier and thickener. Low substantive conditioning properties. Suggested dosage: 1 - 5%.

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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