

C-218

HAIR CONDITIONER

ANTI AGING

GUIDELINE FORMULARY

DESCRIPTION

Anti-aging conditioner

It provides conditioning and smoothing effect

It contains keratin, polymers and alcohols

COMPOSITION

	%
KALCOL® 6850	4.4
AMIDET® APA-22	2.2
LEVENOL® H&B	0.5
Keratin ⁽¹⁾	1.0
Lactic Acid	0.6
Avocado Oil	0.5
Polyquaternium-10 ⁽²⁾	0.3
D-Panthenol ⁽³⁾	0.2
KAO Fragrance	q.s.
Preservative	q.s.
Deionized Water	Up to 100

(1) Keratec™ IFP PE from CRODA

(2) Ucare™ JR-30M from DOW

(3) Provit® 50 from BASF

TECHNICAL CHARACTERISTICS

Kao Method

APPEARANCE (20°C):	White cream	KCSA-258
pH (as it is):	Approx. 4.0	KCSA-014
VISCOSITY BROOKFIELD (20°C, cP):	Approx. 11,200	KCSA-227
STABILITY TEST:	Correct	(2 months 40°C/RT/5°C/cycles)

RECOMMENDED OPERATIVE METHOD

Heat the water up to around 80°C. Add Lactic acid.

Add AMIDET® APA-22 and stir until complete homogenization.

Add Polyquaternium-10 and KALCOL® 6850. Stir for 30 minutes.

Mix Avocado Oil with LEVENOL® H&B and add it to the previous mixture.

Cool down the temperature until 50-55°C. Mix water (≈10% of the total water) with Keratin at 30°C and once it is homogeneous add to previous mixture.

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

Adjust pH if it is necessary.

COMPONENTS

AMIDET® APA-22 (Behenamidopropyl Dimethylamine, ≈ 100% a.m.): non-ionic character. High conditioning surfactant at acid pH, with substantive properties. It provides smoothness and anti-static effect to the hair. It also acts as a thickener in shampoo formulations.

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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