

C-254

HAIR CONDITIONER

REPAIRING

GUIDELINE FORMULARY

DESCRIPTION

Specially developed to repair dry and stressed hair
Reinforces hair's structure whilst preventing future damage
Facilitates detangling and provides fly-away control

COMPOSITION

	%
DANOX® HC-30	4.7
KAO SOFCARE® GP-1	1.0
Amodimethicone ⁽¹⁾	2.0
Tocopheryl Acetate ⁽²⁾	0.5
KAO Fragrance	q.s.
Preservative ⁽³⁾	0.5
Lactic Acid (10% solution)	q.s.
Deionised water	Up to 100

(1) DOW CORNING® 8500 from Dow

(2) Dermofeel® E 74 A from Dr. Straetmans

(3) Geogard™ 221 from Lonza

TECHNICAL CHARACTERISTICS

Kao Method

APPEARANCE (20°C):	Natural white viscous emulsion	KCSA-258
pH (as it is):	3.5 - 4.0	KCSA-014
VISCOSITY BROOKFIELD (20°C, cP):	Approx. 11,000	KCSA-227
DRY MATTER (%):	Approx. 9	KCSA-092
STABILITY TEST:	Correct	(2 months 40°C/RT/5°C)

RECOMMENDED OPERATIVE METHOD

Heat water up to 75°C and add DANOX® HC-30.

Homogenize at high speed rate, stirring during 30 minutes.

Cool down to room temperature at low speed rate.

Add KAO SOFCARE® GP-1 below 55°C.

Add the rest of the ingredients below 40°C in the order above. Stir until homogeneous after each addition.

Adjust pH to 3.5 - 4.0 with Lactic Acid.

COMPONENTS

DANOX® HC-30 (surfactant blend, 100% a.m., ≈ 33% cationic a.m.): cationic and non-ionic character. It's based on a synergistic combination of cationic surfactants and fatty alcohol that allows single-step formulation providing an excellent performance in hair conditioning formulations. It provides smoothness and anti-static properties to the hair. Environmentally friendly cationic blend.

KAO SOFCARE® GP-1 (PPG-3 Caprylyl Ether, ≈ 100% a.m.): non-ionic character. Clear transparent liquid at room temperature. Multi-functional conditioning agent that imparts similar characteristics to those of silicones, such as feel and functionality. It improves foam generation and hair shine.

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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