

C-269

LEAVE-ON CONDITIONER

GUIDELINE FORMULARY

DESCRIPTION

Light conditioning for hair
No rinse needed
Easy to apply

COMPOSITION

	%
OXIDET® DMCLD	1.0
AMIDET® APA-22	0.5
KAO SOFCARE® GP-1	0.5
Glycerine	1.0
D-Panthenol 50% ⁽¹⁾	0.5
Hydroxypropyl Guar Hydroxypropyl Trimonium Chloride ⁽²⁾	0.3
Benzophenone-4 ⁽³⁾	0.3
Lactic Acid 90%	0.1
Dye(s)	q.s.
Preservative	q.s.
Lactic Acid (50% solution)	q.s.
Deionized Water	Up to 100

(1) Provit® 50 from BASF

(2) Jaguar® C-162 from Solvay

(3) Uvinul® M40 from BASF

TECHNICAL CHARACTERISTICS

Kao Method

APPEARANCE (20°C):	Transparent liquid	KCSA-258
pH (as it is):	Approx. 4.0	KCSA-014
VISCOSITY BROOKFIELD (20°C, cP):	Approx. 10	KCSA-227
CATIONIC ACTIVE MATTER (%):	Approx. 0.6	KCSA-003
STABILITY TEST:	Correct	(1 month 40°C/RT/5°C)

RECOMMENDED OPERATIVE METHOD

Heat water up to 80°C and disperse Jaguar® C-162.

Add the Lactic Acid and then AMIDET® APA-22 under stirring, avoiding air incorporation.

Once the mixture is clear, add OXIDET® DMCLD under stirring.

Stir until homogeneous and start to cool down to room temperature.

Below 40°C, add Panthenol 50%, KAO SOFCARE® GP-1, Glycerine (99%) and Benzophenone-4.

Homogenize well after each addition.

Adjust pH to 3.5 – 4.0 with Lactic Acid 50%.

COMMENTS

FINDET® ARH/52 (PEG-40 Hydrogenated Castor Oil) can be added in formulation to increase the fragrance solubility.

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.

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.

OXIDET® DMCLD (Cocamine Oxide, ≈ 30% a.m.): non-ionic/cationic character (depending on the pH). Stable at acidic and alkaline media. Conditioning and solubilizing agent. Foam booster.

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. C15001/C-241 A/2

(Edited October 2015. Updated version July 2020)



Enriching lives,
in harmony with nature.

www.kaochemicals-eu.com