

C-179

HAIR COLOUR CREAM

PERMANENT

GUIDELINE FORMULARY

DESCRIPTION

Permanent hair colouring
Excellent colour uptake

COMPOSITION

| | % |
|---|-----------|
| KALCOL® 6850 | 11.2 |
| AMIDET® A 15 | 5.0 |
| FINDET® 1618A/35-P | 2.1 |
| NH ₃ (25% solution) | 10.0 |
| Sodium Sulfite | 0.5 |
| EDTA.Na ₄ | 0.4 |
| Resorcinol | q.s. |
| Toluene-2,5-Diamine Sulfate | q.s. |
| KAO Fragrance | q.s. |
| Conditioning additives (extracts, silicones...) | q.s. |
| Deionized Water | Up to 100 |

TECHNICAL CHARACTERISTICS

Kao Method

| | | |
|----------------------------------|------------------|-----------------------|
| APPEARANCE (20°C): | Viscous emulsion | KCSA-258 |
| pH (as it is): | Approx. 11.2 | KCSA-014 |
| VISCOSITY BROOKFIELD (20°C, cP): | Approx. 4,500 | KCSA-227 |
| STABILITY TEST: | Correct | (1 month 40°C/RT/5°C) |

RECOMMENDED OPERATIVE METHOD

Heat up the water till 60-70°C.

Add EDTA.Na₄, FINDET® 1618 A/35-P, KALCOL® 6850 and AMIDET® A 15. Stir well until the product is homogeneous.

Add NH₃ 25% (use only with adequate ventilation)

Add the rest of components.

Cool down to 40°C and then add the perfume (15 minutes of agitation are usually needed to solubilize it) and other additives (extracts, etc.) sensitive to high temperatures

Product can be poured away at 30°C.

COMMENTS

Other oxidative dyes can be used in order to obtain the desired colour. Sometimes oxidative dyes are used together with direct dyes to achieve special colour shades.

This emulsion should be mixed with a developer formulation (for example reference C-014) in a ratio 1:1 before applying it to the hair. In order to achieve the final colour it is necessary that the couplers and colour precursors react with the H₂O₂.

Oxidative dyes may affect the properties and performance of the product, it is advisable to check every changed introduced in the formulation.

COMPONENTS

AMIDET® A 15 (Trideceth-2 Carboxamide MEA, ≈ 95% a.m.): non-ionic character. Previous name: AMINOL A-15. Very effective thickener and foam booster for cosmetic products. Levelling agents for hair colouring shampoos and hair colours. Product mild for the skin.

FINDET® 1618A/35-P (Cetareth-23, ≈ 100% a.m.): non-ionic character. Emollient and co-emulsifier in hair rinse application. HLB ≈ 16.2. Commercial appearance in pellets.

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%.

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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