

C-224

TRANSPARENT ANTIPERSPIRANT ROLL-ON

GUIDELINE FORMULARY

DESCRIPTION

Transparent and alcohol free
With antiperspirant and deodorant properties
Offers protection against heat, sport and stress

COMPOSITION

| | % |
|--|-----------|
| EMANON® HE | 20.0 |
| EXCEPARL® HO | 3.2 |
| KAOPAN® TW L120 | 1.0 |
| Aluminium Sesquichlorhydrate (50% solution) ⁽¹⁾ | 40.0 |
| Dimethicone Copolyol ⁽²⁾ | 5.0 |
| Dipropylenglycol | 3.0 |
| PEG-150 | 1.0 |
| Isopropyl Myristate ⁽³⁾ | 1.0 |
| Benzyl Alcohol | 0.1 |
| Deionized Water | Up to 100 |

(1) Reach® 301L from Elementis

(2) Abil® B 88183 from Evonik

(3) Waglinol 6014 from Lasem

TECHNICAL CHARACTERISTICS

Kao Method

| | | |
|----------------------------------|--------------------|-----------------------|
| APPEARANCE (20°C): | Transparent liquid | KCSA-258 |
| pH (as it is): | Approx. 3.9 | KCSA-014 |
| VISCOSITY BROOKFIELD (20°C, cP): | Approx. 1,250 | KCSA-227 |
| STABILITY TEST: | Correct | (1 month 40°C/RT/5°C) |

RECOMMENDED OPERATIVE METHOD

Mix aluminium sesquichlorhydrate and water until complete homogenization.

Slowly add dipropylenglycol, EMANON® HE, dimethicone copolyol, EXCEPARL® HO, KAOPAN® TW-L-120, Isopropyl Myristate, PEG-150 and benzyl alcohol. Stir well after each addition until a homogeneous dispersion is obtained.

Adjust pH.

COMPONENTS

EMANON® HE (PEG-7 Glyceryl Cocoate, ≈ 100% a.m.): non-ionic character. Emollient for the skin and hair. It provides shine and smoothness to the hair.

EXCEPARL® HO (Cetyl Octanoate, ≈ 100% a.m.): non-ionic character. Emollient for the skin and hair. It gives shine and smoothness.

KAOPAN® TW L120 (Polysorbate-20, ≈ 100% a.m.): non-ionic character. Mild surfactant. It decreases the irritation level of anionic surfactants, performing as emollient and as a perfume and extracts solubilizer. Main application as emulsifier.

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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