



KSL-471

Weightless, Sheer ZnO Lotion



| % | INGREDIENT | INCI NAME | SUPPLIER |
|---------------|-----------------------------|---|----------------------|
| Part 1 | | | |
| 25.00 | MZO-35-11S5 | Zinc Oxide (And) Triethoxycaprylylsilane | Kobo Products |
| 20.00 | Dermol DIA | Diisopropyl Adipate | Alzo International |
| 4.00 | ABIL® WE 09 | Polyglyceryl-4 Isostearate (And) Cetyl PEG/PPG-10/1 Dimethicone (And) Hexyl Laurate | Evonik |
| 4.00 | SunBoost ATB | Argania Spinosa Kernel Oil (And) Tocopheryl Acetate (And) Bisabolol | Kobo Products |
| 3.50 | BENTONE GEL® TNV | C12-15 Alkyl Benzoate (and) Stearalkonium Hectorite (and) Propylene Carbonate | Elementis |
| 2.40 | DOWSIL™ ES-5227 DM | Dimethicone (and) PEG/PPG-18/18 Dimethicone | Dow Chemical |
| 1.00 | COSMOL™ 43V | Polyglyceryl-2 Triisostearate | Ikeda |
| Part 2 | | | |
| 1.40 | Pelemol® GTB | Tribehenin | Phoenix Chemical |
| Part 3 | | | |
| 29.80 | Deionized Water | Water | |
| 0.20 | Lexgard® Natural MB | Glyceryl Caprylate (and) Glyceryl Undecylenate | Inolex |
| Part 4 | | | |
| 5.00 | GLYCERIN U.S.P. NATURAL 96% | Glycerin | Ruger Chemical |
| 0.20 | Keltrol® CG | Xanthan Gum | CP Kelco |
| Part 5 | | | |
| 1.00 | Sodium Chloride | Sodium Chloride | Morton Salt |
| 0.10 | ALLANTOIN | Allantoin | Jeen International |
| Part 6 | | | |
| 1.40 | SymDiol® 68 | 1,2-Hexanediol (And) Caprylyl Glycol | Symrise |
| Part 7 | | | |
| 1.00 | Kobo SMC-BNCW | Boron Nitride (And) Cellulose | Kobo Products |
| 100.00 | | | |

Description:

Weightless, Sheer ZnO sunscreen lotion absorbs excess oil and moisture, spreads easily on skin and provides breathable, non-whitening smooth coverage. The non-greasy and fast absorbing formula keeps you feeling dry and fresh, and glides on the skin with a silky sensation. The formula features Kobo SMC-BNCW, a new microplastic-free blend which imparts superior softness and tactility, superb spreadability, excellent adherence, long-lasting effect, good coverage, slip and a great creamy feel. Kobo surface-treated zinc oxide powder, MZO-35-11S5, delivers UVA and UVB protection. SunBoost ATB is a proprietary ratio of three ingredients that helps boost SPF and PFA (UVA).

Manufacturing Procedure:

1. Combine Part 1. Homogenize until uniform. □
2. Add Part 2 to Part 1. Prop mix to 80°C. □
3. Pre-mix Part 4 then add to Part 3. Prop mix. □
4. Heat Parts 3 and 4 to 50°C. Then add Parts 5 and 6. Prop mix. □
5. Cool Parts 1 and 2 to 70°C while homogenizing. □
6. Slowly add water phase, Parts 3, 4, 5 and 6, to oil phase, Parts 1 and 2. Prop mix. □
7. Slowly add Part 7 to batch. Mix until uniform.

Active Inaredient(s):

Zinc Oxide 23.75%

Testing:

SPF: in vivo on 5 subjects
CW: FDA method



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