



KSL-479D

Shaker Ball Non-D5, Non-nano Zinc Oxide Lotion-Anhydrous



| % | INGREDIENT | INCI NAME | SUPPLIER |
|---------------|---------------------|--|----------------------|
| Part 1 | | | |
| 30.75 | Pelemol® CCT | Caprylic/Capric Triglyceride | Phoenix Chemical |
| 18.00 | Cetiol® C5 | Coco-Caprylate | BASF Care Creations |
| 16.75 | TEGOSOFT® DEC | Diethylhexyl Carbonate | Evonik |
| 4.00 | SunBoost ATB | Argania Spinosa Kernel Oil (And) Tocopheryl Acetate (And) Bisabolol | Kobo Products |
| 3.50 | Claytone APA V | Stearalkonium Bentonite | Eckart |
| Part 2 | | | |
| 0.35 | PROPYLENE CARBONATE | Propylene Carbonate | Sigma Aldrich |
| Part 3 | | | |
| 19.40 | HBQP75FZS | Zinc Oxide (And) Butyloctyl Salicylate (And) Polyhydroxystearic Acid (And) Triethoxycaprylylsilane | Kobo Products |
| 4.50 | Plandool™-G | Bis-Behenyl/Isostearyl/Phytosteryl Dimer Dilinoleyl Dimer Dilinoleate | Nippon/Kobo Products |
| 0.50 | Lexgard® Natural MB | Glyceryl Caprylate (and) Glyceryl Undecylenate | Cosmotec |
| Part 4 | | | |
| 2.00 | MSS-500W | Silica | Kobo Products |
| 0.25 | SILICA SHELLS | Silica | Kobo Products |
| 100.00 | | | |

Description:

A waterless, shaker ball, non-nano mineral sunscreen that delivers effective sunscreen protection with minimal whitening and a non-greasy after feel. The primary sunscreen active comes from HBQP75FZS, a non-nano Zinc Oxide dispersion, that also contains SPF booster Butyloctyl Salicylate. SunBoost ATB contains a proprietary blend of argan oil and skin conditioning agents that boosts SPF and PFA values. Plandool™-G is a plant-derived emollient that helps provide water barrier protection and improves product filming attributes. MSS-500W and SILICA SHELLS give the product its non-greasy and silky after feel.

Manufacturing Procedure:

1. In main vessel, weigh out the first four ingredients. With moderate homogenization, add Claytone APA V and homogenize batch until all is smooth and uniform.
2. Add Part 2 and homogenize batch until mixture thickens and is completely uniform.
3. Add Part 3 ingredients and heat batch slightly to 50-55 °C or until the Plandool™-G is completely melted. Homogenize until the batch is smooth and uniform.
4. Add Part 4 and homogenize until smooth. Cool batch with mixing to 35 °C.

Active Inaredient(s):

Zinc Oxide 13.96%

Testing:

SPF: in vivo on 5 subjects
CW: FDA method

Notes:

Shaker ball packaging



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FORMULATIONS

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