

| | |
|------------------------------------|---------------------------------|
| Elementis Specialties, Inc. | Elementis Specialties |
| P.O. Box 700, Wyckoffs Mill Rd. | PEGASUSPARK |
| Hightstown, NJ 08520 | De Kleetlaan 12 a, bus 3 |
| Tel.: +1-609-443 2500 | 1831 Diegem, Belgium |
| Fax: +1-609-443 2422 | Tel.: +32-2-790 76 00 |
| specialinfo.usa@elementis-na.com | Fax: +32-2-790 76 60 |
| Web: www.elementis-specialties.com | specialinfo.eu@elementis-eu.com |

ELEMENTIS

SPECIALTIES

DAILY MOISTURISER WITH NANOX™ GEL 200 TN REF- KR4/044

Daily Moisturiser containing NANOX™ GEL 200 TN, Ultrafine Zinc Oxide Dispersion.

Advantages

The presence of NANOX™ GEL 200 TN Ultrafine Zinc Oxide Dispersion in this system:

- In-Vitro SPF 4.96 +/- 0.41
- Improves Sunprotection Factor
- Enhances Critical Wavelength, UVA/UVB Ratio and Boots Star Rating
- Aids Broad Spectrum Protection

| Ingredient | Supplier | % w/w |
|--|------------------------------|------------|
| NANOX™ GEL 200 TN, Ultrafine Zinc Oxide Dispersion | ELEMENTIS Specialties | 6.0 |
| Ultrafine Titanium Dioxide | QUANTUM COLOURS | 0.2 |
| Cetyl Alcohol | Goldschmidt | 1.0 |
| Glyceryl Stearate | Goldschmidt | 1.5 |
| Steareth-2 | Uniqema | 2.0 |
| Steareth-21 | Uniqema | 1.0 |
| Vegetable Glycerine | KIC Group | 1.0 |
| 1, 3-Butylene Glycol | Siber Hegner | 2.0 |
| Phenoxyethanol (and) Methylparaben (and) Ethylparaben (and) Propylparaben (and) Butylparaben (and) Isobutylparaben | Sharon Laboratories | 0.2 |
| Demineralised Water | | 85.1 |

Method of Manufacture

1. Melt together the NANOX™ GEL 200 TN, Cetyl Alcohol, Glyceryl Stearate, Steareth-2, and Steareth-21, to 70-75°C.
2. Add Ultrafine Titanium Dioxide with silverson homogenising and continue mixing for 10 minutes.
3. In a separate vessel add the Vegetable Glycerine to the Demineralised Water and heat to 75° C.
4. Slowly add the oil phase to the water phase with silverson homogenising, and continue mixing for 20 minutes.
5. Cool slowly, using a propeller stirrer, to 35°C.
6. Add the 1, 3-Butylene Glycol, and Phenoxyethanol (and) Methylparaben (and) Ethylparaben (and) Propylparaben (and) Butylparaben (and) Isobutylparaben, and stir until homogenous

N.B.

Please refer to the Product Data Sheets for additional advice on incorporation.

The information herein is currently believed to be accurate. We do not guarantee its accuracy. Purchasers shall not rely on statements herein when purchasing any products. Purchasers should make their own investigations to determine if such products are suitable for a particular use. The products discussed are sold without warranty, express or implied, including a warranty of merchantability and fitness for use. Purchases will be subject to a separate agreement which will not incorporate this document.