

sonneborn

REFINED PRODUCTS



SonneNatural® The Natural Alternative to Petrolatum

SonneNatural® is one of the recent additions to Sonneborn's extensive product portfolio.

Inspired by evolving market trends, we have developed a natural product with the emolliency, sensory, physical and rheological properties of a petrolatum.

SonneNatural® is a soft, translucent-yellow, medium gloss product. It has a creamy application, excellent spread, low tack and cushiony feel. The combination of softness and luxurious feel makes this product an excellent natural alternative to petrolatum in cosmetic formulations.

This product is certified by Sonneborn to contain 100% natural ingredients of vegetable origin.

Special Attributes

- Suitable for petroleum-free formulations
- Ideal rheologic properties, similar to petrolatum
- Excellent moisture retention properties
- Superior UV and microbial stability
- Soft, luxurious afterfeel
- INCI name: Vegetable Oil (Olus Oil - EU)

SonneNatural® Typical Properties

Cone Penetration	ASTM D937	170
Drop Melting Point	ASTM D127	52 °C
Color, Lovibond 2"	IP 17	2.0 Y
Viscosity @ 25 °C	Dynamic Viscosity	~ 450,000 cPs

Applications

The combination of natural ingredients with petrolatum-like properties makes this a very versatile product.

SonneNatural® is recommended for use in cosmetic applications where an emollient and moisturizer is required.

- | | | |
|--------------------|----------------------------|-----------------|
| ○ Hand/Body Lotion | ○ Face Cream | ○ Lip Care |
| ○ Body Wash | ○ Sun Care or SPF Products | ○ Hair Care |
| ○ Massage Cream | ○ Scalp Protector | ○ APDO Products |

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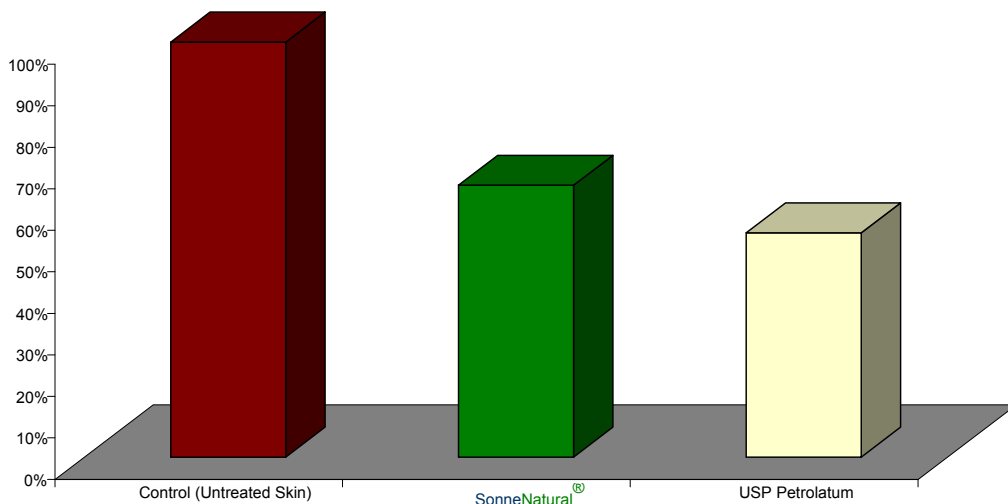
SonneNatural[®]

Microbial Stability

- Compliant to USP<51>, does not support microbial life
- Compliant to CTFA guidelines for E. coli, S. aureus and P. aeruginosa

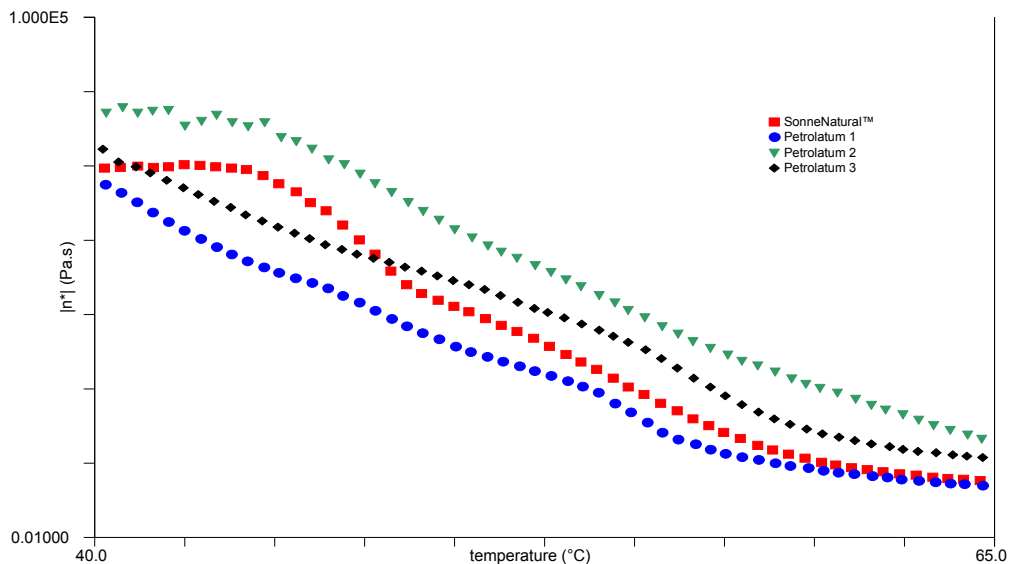
Trans Epidermal Water Loss

SonneNatural[®] has moisture retention properties comparable to USP petrolatum.



Rheology

SonneNatural[®] has rheological properties similar to commercially available petrolatums.



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