

## PRODUCT DATA SHEET:

### Mineral Thickeners



Life Sciences

#### Polargel<sup>®</sup> Natural Bentonite 341 USP / NF / BC

**Bentonite 341 USP / NF** is a high purity water-washed, natural sodium bentonite, selectively mined, registered with OMRI for use in natural and organic products. Bentonite 341 is used as a suspending agent, viscosifier, binder and emulsion stabilizer for Cosmetics, Pharmaceuticals and Personal Care products. Suitable for use in all organic and natural products. This mineral is specially processed to control both purity and performance. Bentonite 341 meets all requirements set forth by the current USP / NF monograph for Bentonite. This product is used to thicken the aqueous phase of gels or emulsion products.

**BSI Code:** 341

**INCI:** Bentonite

**C.A.S. Number:** 1302-78-9

**Monographs:** USP / NF

#### TYPICAL CHEMICAL PROPERTIES

Pb - Lead (max ppm)	15
As - Arsenic (max ppm)	3
Viscosity (cps)	100 - 300
Moisture (%)	8.0
pH Value (5% dispersion)	8.5 - 10.0

**Microbial Limits Plate Count:** Aerobic plate count < 1000 cfu/g. Yeast and mold < 1000 cfu/g. No presence of E.coli.

**Storage:** Store in cool location, keep away from heat and direct sunlight. Keep container sealed.

**Handling Precautions:** Please refer to the Polargel<sup>®</sup> Natural 341 USP / NF / BC Safety Data Sheet.

While the data presented in this information sheet reflects the present state of our knowledge and is believed to be accurate and reliable, it is provided without liability as a courtesy only and is to be used and relied upon at the reader's sole risk. Readers should make their own determination as to the suitability of any product for a particular use. We recommend that readers conduct their own product trials before using any particular product. The information provided by us does not absolve the user from the obligation of investigating the possibility of infringement of third parties rights. The recommendations contained herein do not constitute a warranty, either express or implied, as to the fitness or suitability of any product for a particular purpose. For more information and assistance, please contact Technical Services at [BSL\\_regulatory\\_dept@brenntag.com](mailto:BSL_regulatory_dept@brenntag.com)

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