

## TECHNICAL DATA SHEET

**BENTONE® PLUS GLOW**

Rheological Additive with optimized delivery of skin conditioning actives

## GENERAL INFORMATION

**BENTONE® PLUS GLOW** provides rheological control and a powerful blend of skin conditioning ingredients in one easy to use product. The gel is designed to impart rheological control and suspension to the oil phase of cosmetics and skin care products, allowing for an optimal distribution of the active on the skin surface.

**BENTONE® PLUS GLOW** combines natural ingredients that promote the skins barrier function, creating a healthy glow and lasting hydration.

**BENTONE® PLUS GLOW** applies easily without leaving a greasy film on the skin. It provides thermostable viscosity control of the emulsion's oil phase, improves application properties, enhances skin-feel, improves suspension and imparts a pleasant residual silkiness to the skin.

## INCI NAME

C13-15 Alkane, Disteardimonium Hectorite, Vitis Vinifera (Grape) Seed Oil , Phytosterols, Olea Europaea (Olive) Oil Unsaponifiables, Helianthus Annuus (Sunflower) Seed Oil Unsaponifiables, Glyceryl Oleate, Tocopherol

## CHEMICAL &amp; PHYSICAL PROPERTIES

Colour/Form	Tan Paste
Viscosity, Brookfield Helipath, TF spindle, mm cps @ 2.5 rpm	2.5 – 15.0
% Ash	11.0 – 13.5
Microbial Content	Max. 100 cfu/g

These are typical properties not to be used for specification purposes.

## APPLICATIONS

- Lip conditioning
- Eye makeup
- Lip products
- Facial makeup
- Creams and lotions
- Facial treatments
- Nourishing skin care
- Sun protection products
- After sun products

## KEY PROPERTIES

- Non-animal origin
- Rheological control
- Predictable, reproducible and stable viscosity control
- Shear-thinning viscosity
- Excellent suspension of pigments and actives
- Controlled alignment of special-effect pigments
- Thermostable viscosity raises apparent melting point and ensures cost-efficient use of UV filters
- Emulsion stabilization [w/o]
- Optimally dispersed organoclay and emulsifier
- Incorporates with medium-shear mixing
- Gives a high degree of formulating flexibility
- Provides highly reproducible results for multi-site production requirements
- Non-abrasive
- Provides smooth feel to skin
- Toxicologically safe ingredients

## TECHNICAL DATA SHEET

## BENTONE® PLUS GLOW

## SHELF LIFE

**BENTONE® PLUS GLOW** has a minimum shelf life of 2 (two) years from date of manufacture.

## STORAGE RECOMMENDATIONS

Store away from excessive heat. A small amount of solvent may separate from the gel during shipment and storage. This is normal and can be mixed into the system before use.

## QUALITY ASSURANCE

Quality and continuous improvement are paramount to our business. Facility manufacturing **BENTONE® PLUS GLOW** has established strong integrated management system and holds ISO 9001, ISO 14001, ISO 45001 and EFCI GMP certifications.

## LEVEL OF USE

The level of use of the **BENTONE® PLUS GLOW** will depend on the formulation. Typical use levels range from 3 – 10%.

## HEALTH &amp; SAFETY

Before using this product, please consult our Safety Data Sheet (SDS) for information on safe handling and storage. The SDS can be found on the company website.

## INCORPORATION

**BENTONE® PLUS GLOW** is a high viscosity, shear-thinning product. To ensure good homogeneous mixing is achieved, care must be taken to overcome the large viscosity differential existing between the **BENTONE® PLUS GLOW** and the other lower viscosity components.

**BENTONE® PLUS GLOW** should be added to the oil phase of the system with propeller mixing to ensure proper dispersion. Mix until homogeneous before adding the other ingredients.

## COMPATIBILITY

**BENTONE® PLUS GLOW** can contribute greatly to a formulation's stability by improving the compatibility of other ingredients. Care should be taken to determine the compatibility of the BENTONE GEL additive with the oils, actives or surfactant ingredients within a formulation. The wide range of grades available allows selection of the optimal carrier and organoclay for each system.

## SUSTAINABILITY

**BENTONE® PLUS GLOW** is a raw material approved under the RSPO Mass Balance system.



RSPO - 1106301

*NOTE: 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. Purchasers will be subject to a separate agreement which will not incorporate this document.*

*© Copyright 2025, Elementis Specialties, Inc. All rights reserved. Copying and/or downloading of this document or information therein for republication is not allowed unless prior written agreement is obtained from Elementis Specialties, Inc.*

*® Registered trademark of Elementis Specialties, Inc.*

## North America:

Elementis Specialties, Inc. - 469 Old Trenton Road, East Windsor, NJ 08512, USA

## Europe:

Elementis Plc - The Bindery 5th Floor, 51—53 Hatton Garden, London EC1N 8HN, UK

## Asia:

Deuchem (Shanghai) Chemical Co., Ltd. - 99, Lianyang Road, Songjiang Industrial Zone, Shanghai, China 201613

T: +1 609 443 2500

T: +44 207 067 2999

T: +86 21 5774 0348