



MICROSPONGE® N 720BK

Bakuchiol Delivery System

Description: A multifunctional microparticle delivery system designed to provide sustained release of Bakuchiol in topical formulations.

	Typical Properties
INCI Name:	Cellulose and Bakuchiol
Appearance:	Off-white to light beige powder
Bakuchiol Concentration:	17 - 23%

Bakuchiol Benefits in Topical Formulations

- Bakuchiol is a natural alternative to Retinol as an anti-aging ingredient
- Provides a reduction in fine lines/wrinkles and skin roughness/dryness while improving skin tone*

Microsponge® N 720BK Benefits in Your Formulation

- Provides sustained-release of Bakuchiol resulting in long-lasting availability on the skin
- A natural anti-aging active in a natural cellulose-based delivery system
- The active is photochemically and hydrolytically stable in formulations

Certifications

- The Bakuchiol in Microsponge® N 720BK complies with NATRUE standard for natural products (www.NATRUE.org).
- The Microsponge® N delivery system microparticles (exclusive of entrapped actives) meet the requirements of ISO 16128 for natural and organic cosmetic ingredients and is certified to conform with the COSMOS v3.0 standard.
- The Microsponge® N cellulose-based delivery system is produced from only legally harvested wood from sustainably managed forests which do not meet the criteria for forests of exceptional or high conservation value. The suppliers have one or more of the recognized Third Party Safe Forest Management Certification Standards and promote the certification of their public and private timber sources: Forest Stewardship Council (FSC), Sustainable Forest Initiative (SFI), Pan European Forest Certification (PEFC), Canadian Standards Association (CSA); American Tree Farm System (ATFS).

Formulation Guidelines

Microsponge® N 720BK is a powder that can be added in all commonly used formulations. The MSN 720BK is a robust particle so high shear mixing can be used to easily disperse the product into the formulation. No other special handling is required. Appropriate personal protection should be used when handling MSN 720BK, please consult the SDS for the product.





Health & Beauty Solutions, Inc.

Typical Applications

- Skin care products
- Make-ups and foundations incorporating skin-care benefits
- Daily use moisturizers and lotions
- Exfoliating gels
- Loose and pressed powders

Recommended Use Levels

Typical use levels of the Microsponge® N 720BK in formulations is in the 0.5 to 1% range. For additional information, contact your HBS Sales representative.

Storage Conditions: Store in unopened container under ambient conditions

Shelf Life: 6 months when stored in proper conditions

**Chaudhuri, In Cosmeceuticals and Active Cosmetics, 3rd Edition, Eds., Maibach et al., Chapter 1, 1-18, 2015*



**Household &
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