

Biosilico® HO.BP.2199

(Formerly known as HO.BP00.2199)

Multifunctional Additive for Beauty & Personal Care

Biosilico HO.BP.2199 is bio-based hydrophobic silica, synthesized from Rice Husk and treated with HMDS, used as a multifunctional additive for beauty and personal care products.

Product Benefits

- Advanced materials with high purity from bio-based organic source
- Suitable for powder, aqueous and cream-based formulations
- Improves storage stability and increases shelf-life due to anti-settling properties
- Provides temperature stability
- Provides mechanical stability
- Enhances the flowability of liquid products and rheology control in powdered products
- Offers excellent dispersibility
- Improves emulsion and suspension properties
- Offers hydrophobic properties which improves sweat resistance in long-lasting cosmetics

Properties

PROPERTIES	UNIT	SPECIFICATION
State		Amorphous – Micron powder
Appearance		White
Loss on Drying (2h in 105 °C)	%	Max 5.0
pH value (5% in water)	%	6.5 - 7.5
Tamped density	g/cm ³	Approx. 0.2
Particle size (D50)*	µm	3.0 - 10.0
Surface area*	m ² /g	150 - 300

At the time of packaging.

* Before surface modification.

Product Information



Manufactured under GMP ASEAN for Cosmetics Ingredients from Rice Husk

Packaging

Biosilico HO.BP.2199 is supplied in 15 kg bag.

Storage and Handling

- Store in closed containers under dry condition; protect the material from volatile substances and handle sensibly to minimize dust generation.
- This product should be used within 24 months from production date.

Safety Data

Warning

- Keep away from source of ignition to avoid spreading dust.
- Use with adequate ventilation.
- Drying and abrasive properties may cause skin, eye or respiratory irritation.
- Avoid inhalation or prolonged contact with skin.
- If dusty conditions prevail, use gloves and adequate respirator.
- Dispose of in accordance with state and local requirement.
- See MSDS for more information.

First Aid

- Follow the rules of personal hygiene on dust inhalation and/or eye contact.

After eye contact

- Remove contact lens if have.
- Flush open eyes with large quantity running water for at least 15 minutes.
- Call for medical care if symptoms persist.

After skin contact

- Flush skin with water at least 15 minutes
- Call for medical care if symptoms persist.

After inhalation

- Supply fresh air
- Call for medical care if complaints
- Do CPR if stop breathing.

After swallowing

- Call for medical care
- Do not induce vomiting.

