

Biosilico® HI.BP.0899

(Formerly known as HI.BP00.0899)

Multifunctional Additive for Beauty & Personal Care

Biosilico HI.BP.0899 is bio-based hydrophilic silica, synthesized from Rice Husk and used as Multifunctional Additive for Beauty & Personal Care.

Product Benefits

- Advanced materials with high purity from bio-based organic source,
- Bio-compatibility, bio-degradable & eco-friendly,
- Good porous structure and particle size distribution,
- Incorporates easily into various formulations from powder to liquid mixture formulation with good rheology,
- Soft & good sensory, silky feel, tackiness & sebum control,
- Organic source for SPF improvement, wrinkles coverage,
- Imparts elegant feeling & matter look in decorative cosmetics, and glossy & lustrous effect for silky smooth hair,
- Non-reactive, stable, and resistant to extreme environments and temperature from -55 to 450 °C,
- Ideal alternative to plastic microbeads,
- Imparts excellent chemical resistance and shelf-life.

Properties

PROPERTIES	UNIT	SPECIFICATION
State		Amorphous – Micron powder
Appearance		White
Loss on Drying (2h in 105 °C)	%	Max 8.0
Tamped density	g/cm ³	0.04 – 0.06
Particle size (D100)	µm	Max 21.0
Conductivity in 5 % dispersion	µS/cm	Max 250

At time of packaging.

Product Information



Manufactured under GMP ASEAN for Cosmetics Ingredients from Rice Husk

Packaging

Biosilico HI.BP.0899 is supplied in 09 kg paper 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.

