

## Biosilico<sup>®</sup> HLBP.0999

(Formerly known as HI.BP.0999)

### Multifunctional Additive for Beauty & Personal Care

**Biosilico HLBP.0999** is bio-based silica, synthesized from Rice Husk and spherical in shape, used as a multifunctional additive for beauty and personal care products.

#### Product Benefits

- Advanced materials with high purity from bio-based organic source
- Provides ultra-smooth sensory feel on the skin
- Reduces tackiness
- Ideal for press powder formulations
- Prevents cake formulations from flaking by increasing cake strength
- Eases processability by improving compressibility
- Offers sebum control
- Environmentally friendly alternative to microplastics in both leave-on and rinse-of cosmetic and skin care formulations
- Enhances volume to hair in hair care and hair styling formulations

#### Properties

PROPERTIES	UNIT	SPECIFICATION
State		Amorphous – Micron powder
Appearance		White
Loss on Drying (2h in 105 °C)	%	Max. 8
Particle Shape		Spherical
pH value (5% in water)	%	9 - 10
Bulk density	g/cm <sup>3</sup>	0.011 – 0.150
Tamped density	g/cm <sup>3</sup>	0.015 – 0.280
Particle size (D50)	µm	3.0 - 20
Oil Absorption	gm of oil/ 100gm of pigment	100 - 280

At time of packaging.

#### Product Information



Manufactured under GMP ASEAN for Cosmetics  
Ingredients from Rice Husk

#### Packaging

**Biosilico HLBP.0999** 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.

