Technical Data Sheet

EcoSmooth™ Rice Husk Cosmetic Powder

Description

INCI NAME: Silica

Sustainability Attribute:

Ecolibrium™ Bio-based materials by Dow

Uses / Applications

Areas of potential use for EcoSmooth™ Rice Husk Cosmetic Powder encompass a wide range of cosmetic and toiletry applications such as:

- Skin care
- Color cosmetics
- Fragrance
- Hair care

Benefits

- Soft-focus properties
- Smooth feel
- Plant origin
- Sebum absorption
- Water absorption
- Humectancy benefit
- Compaction benefit
- Water and oil dispersible
- Easy to formulate

Typical Properties

Specification Writers: These values are not intended for use in preparing specifications.

Property	Unit	Result
Appearance		White powder
Bulk density	g/ml	0.1–0.2
Average particle size (D50)	microns	4-7
Surface area	m^2/g	500–700
Natural Origin Content (ISO Standard 16128-2:2017)	%	100

Description

EcoSmooth™ Rice Husk Cosmetic Powder is a silica obtained from upcycling rice husk, a by-product from agriculture. It is supplied as a white, free-flowing powder.

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EcoSmooth™ Rice Husk Cosmetic Powder
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How to Use

The recommended use level ranges from 0.5 to 10 wt%. Use level can be adapted depending on applications and benefits sought. EcoSmooth™ Rice Husk Cosmetic Powder is dispersible in either oil or water phases. It can be added to a white range of cosmetic formulations including skin care creams or color cosmetics.

Handling Precautions

PRODUCT SAFETY INFORMATION REQUIRED FOR SAFE USE IS NOT INCLUDED IN THIS DOCUMENT. BEFORE HANDLING, READ PRODUCT AND SAFETY DATA SHEETS AND CONTAINER LABELS FOR SAFE USE, PHYSICAL AND HEALTH HAZARD INFORMATION. THE SAFETY DATA SHEET IS AVAILABLE ON THE DOW WEBSITE AT DOW.COM, OR FROM YOUR DOW SALES APPLICATION ENGINEER, OR DISTRIBUTOR, OR BY CALLING DOW CUSTOMER SERVICE.

Usable Life and Storage

Store in a dry place. Protect from atmospheric moisture. Avoid prolonged exposure to heat and air. When stored at or below 40°C (104°F) in the original unopened containers, this product has a usable life of 24 months from the date of production.

Limitations

This product is neither tested nor represented as suitable for medical or pharmaceutical uses.

Health and Environmental Information

To support customers in their product safety needs, Dow has an extensive Product Stewardship organization and a team of product safety and regulatory compliance specialists available in each area.

For further information, please see our website, dow.com or consult your local Dow representative.

Disposal Considerations

Dispose in accordance with all local, state (provincial) and federal regulations. Empty containers may contain hazardous residues. This material and its container must be disposed in a safe and legal manner.

It is the user's responsibility to verify that treatment and disposal procedures comply with local, state (provincial) and federal regulations. Contact your Dow Technical Representative for more information.

Product Stewardship

Dow has a fundamental concern for all who make, distribute, and use its products, and for the environment in which we live. This concern is the basis for our product stewardship philosophy by which we assess the safety, health, and environmental information on our products and then take appropriate steps to protect employee and public health and our environment. The success of our product stewardship program rests with each and every individual involved with Dow products - from the initial concept and research, to manufacture, use, sale, disposal, and recycle of each product.

Customer Notice

Dow strongly encourages its customers to review both their manufacturing processes and their applications of Dow products from the standpoint of human health and environmental quality to ensure that Dow products are not used in ways for which they are not intended or tested. Dow personnel are available to answer your questions and to provide reasonable technical support. Dow product literature, including safety data sheets, should be consulted prior to use of Dow products. Current safety data sheets are available from Dow.

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