



MaizeCare™ Style Polymer

Description

INCI Name: Hydrolyzed Corn Starch

MaizeCare™ Style Polymer is an easy-to-use powder allowing versatility in cosmetic formats.

MaizeCare™ Style Polymer is a non-GMO and bio-derived hair fixative offering hair benefits such as humidity resistance, durability and frizz-control.

MaizeCare™ Style Polymer is a biodegradable and naturally derived film former that offers a non-tacky feel. This corn-based ingredient can be used in high-performing skin and make-up formulations for its long-lasting, soft-focus, skin tightening effects and sebum resistance properties.

Sustainability Attribute:



Uses / Applications

- Color cosmetics
- Hair care
- Face care
- Skin and body care

Benefits

Color Cosmetics

- Film former
- Sebum/oil resistance
- Rub off resistance
- Long lasting

Face Care

- Soft focus/blurring/wrinkle and pore masking
- Skin tightening/firming

Hair Care

- Curl retention
- Film forming agent
- Humidity resistance
- Ease of styling
- Frizz control
- Durability
- Flexible hold
- High natural look
- Manageability

Physical Properties

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

Property	Result	Unit
Appearance	Off-white, powder	
% Moisture	5.0 - 10.0	%
Viscosity @ 25°C (77°F)	1150 - 1650 (25% Solids at RT)	cSt
Biodegradability	Readily biodegradable	
Natural Origin Index (ISO ¹ 16128)	100	%

¹ISO: International Standardization Organization

Processing and Application Guidelines

MaizeCare™ Style Polymer is an easy-to-use powder that can be dispersed in water at room temperature with mixing at low shear. The solution can be heated to increase the rate of dispersion.

Recommended use level (hair, skin and color cosmetics): 0.5 – 10%

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

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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