



## MaizeCare™ Style Polymer

INCI: Hydrolyzed Corn Starch

### Features & Benefits

- Starch-based film-forming biopolymer
- Ideal solution for formulators seeking environmentally-friendly ingredients
- Easy-to-use powder in water-based formulations
- Aqueous dispersion forms a natural film on the hair
- Ability to achieve a range of hold levels with excellent aesthetics
- Imparts styling durability
- Excellent humidity resistance and curl retention over 8 hours
- Compatible with gelling agents such as carbomer, xanthan gum and acrylates- based rheology modifiers
- Cost-effective styling polymer

### Applications

- Styling gel, cream, wax, water spray

### Typical Properties

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

Property	Unit	Result
Typical Use Levels	%	0.5–5
Appearance		Off-white
Percent Moisture		5.0–10.0
Brookfield Viscosity (25% Solids at RT)	cps	1150–1650
Shelf Life	months	24

### Description

Non-GMO, bio-derived hair fixative polymer for exceptional humidity resistance, excellent durability and frizz control.

### How to Use

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.

**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 product in tightly-closed original packaging at temperatures recommended on the product label and protect from humidity.

**Packaging  
Information**

25 kg multilayer bags.

**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](http://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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