



## **GemGel® 100 Plus Pregel Wheat Starch**

### **Product Description**

**GemGel® 100 Plus Pregel Wheat Starch** is a pregelatinized, native wheat starch produced by a unique drying process. This product hydrates instantly in water and provides immediate thickening, which can be used as an industrial or food grade raw material. Industrial usage includes the following: binding and adhesion in many industrial applications such as wallpaper, wall boards, joint compounds, textured ceiling tiles, charcoal briquettes, laundry starch and oil drilling mud. Food Grade usage includes the following: thickener in bakery, breakfast cereal, snack and other processed food products.

### **Features and Benefits**

- Instant thickener
- Superior binding/adhesion

| <b><u>Physical/Chemical Property</u></b> | <b><u>Specification</u></b> |
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|                                      |          |
|--------------------------------------|----------|
| Moisture, %                          | 8.0 max  |
| Protein, % (N x 5.7)                 | 0.3 max  |
| pH                                   | 5.0-6.5  |
| Ash, %                               | 0.3 max  |
| Particle Size (% through 100 US Std) | 80.0 min |

| <b><u>Microbiological Property</u></b> | <b><u>Specification</u></b> |
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|                            |                      |
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| Aerobic Plate Count, cfu/g | 10,000 max           |
| Mold and Yeast, cfu/g      | 200 max              |
| <i>E. coli</i> , cfu/g     | Not detected         |
| <i>Salmonella</i> , cfu/g  | Not detected in 25 g |

### **Packaging**

**GemGel® 100 Plus Pregel Wheat Starch** is packed in multi-ply kraft bags with net weight of 50 lbs (22.7 kg). Bulk shipment or other packaging options are available.

### **Storage and Shelf-Life**

To achieve maximum stability, store **GemGel® 100 Plus Pregel Wheat Starch** in a cool, dry, and sanitary area away from direct source of heat or any source of water. When stored under the above conditions, the shelf-life is two years from the date of manufacture.

### **Ingredient Declaration**

Wheat Starch

### **Country of Origin**

US

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**Manufacturing Location:** 100 George Street, Hamburg, Iowa 51640 - Tel (712) 382-2265 Fax (712) 382-1649

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| Document No.PDS-38 | Revision No. 4 | Revision Date: 10/30/23 | Reviewed On: Oct-2023 | Revised By: E.Hickman |
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The information in this product data sheet is believed to be accurate and is offered in good faith for the benefit of the user. The recommendations contained herein are made without guarantee against patent infringements, liabilities, or risks involved from the use of this product.