



## GemGel® 100

### Product Description

**GemGel® 100** 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 wall paper, wall boards, joint compounds, textured ceiling tiles, charcoal briquettes, laundry starch and oil drilling mud. Food Grade usage includes the following: thickener in bakery, break-fast cereal, snack and other processed food products.

### Features and Benefits

- Instant thickener
- Superior binding/adhesion

### Physical/Chemical Property

### Specification

Moisture, %	8.0 max
Protein, % (N x 5.7)	0.5 max
pH	5.0-6.5
Ash, %	0.3 max
Particle Size (% through 100 mesh)	80.0 min

### Microbiological Property

### Specification

Aerobic Plate Count, cfu/g	10,000 max
Mold and Yeast, cfu/g	200 max
<i>E. coli</i> , cfu/g	Negative
<i>Salmonella</i> , cfu/g	Negative

### Packaging

**GemGel® 100** 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** 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 one year from the date of manufacture.

### Ingredient Declaration

Wheat Starch

**U.S. Corporate Office:** 4501 College Boulevard, Suite 310, Leawood, Kansas 66211 - Tel (913) 362-0777 Fax (913) 362-0052

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

Document No.PDS-4	Revision No. 3	Revision Date: 2/3/16	Revised By: M.Gregg
-------------------	----------------	-----------------------	---------------------

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.