



GemStar® 4500

Modified Wheat Starch

Product Description

GemStar® 4500 Modified Wheat Starch is a modified wheat starch characterized by low viscosity and high adhesion properties and can be readily dispersible in cold water. It is specifically designed for batter and breading applications as in fried and coated foods. In fried foods, **GemStar®4500 Modified Wheat Starch** will improve color and flavor while reducing blow-outs. Typical applications include batters and breading.

<u>Physical/Chemical Property</u>	<u>Specification</u>
Moisture, %	12.0 max
Protein, % (N x 5.7)	0.4 max
Ash, %	0.5 max
Particle Size (% through 100 US Std)	99.0 min

<u>Microbiological Property</u>	<u>Specification</u>
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

GemStar®4500 Modified 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 **GemStar®4500 Modified 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

Modified Wheat Starch

Country of Origin

US

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-27	Revision No. 5	Revision Date: 10/30/23	Reviewed On: Oct-2023	Revised By: E.Hickman
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