



Shepcote Distributors Ltd
Pexton Road
Kelleythorpe Industrial Estate, Driffield
East Yorkshire, YO25 9FR

Tel: 01377 252537
Fax: 01377 252539
Email: technical@shepcote.com
www: www.shepcote.co.uk

Product Specification

Product Information

Product Name	Maize Starch/C Gel (03401)			
Product Description	Native maize starch			
Ingredient	% in Mixing Bowl	Country of Origin		
Maize Starch	100	Spain, Germany, Netherlands, Italy		
Ingredient Declaration				
Ingredients: Maize Starch				
Pack Size(s) - Bulk	Product Code		Pack Size	
	1049125		25kg	
Pack Size(s) - Repacked	Product Code	Pack Size	Product Code	Pack Size
	1049101	1kg	1049103	3kg

Shelf Life & Storage Conditions

Maximum Shelf at Packing	730	Days
Minimum Life on Receipt (MLOR)	90	Days
Storage Temperature on Delivery	Ambient	
Storage Instructions	Store in a cool dry place out of direct sunlight	

Microbiological Standards

Test	Target	Acceptable	Reject
Total Plate Count	<5,000 cfu/g	5,000 cfu/g	>5,000 cfu/g
Yeasts	<500 cfu/g	500 cfu/g	>500 cfu/g
Moulds	<500 cfu/g	500 cfu/g	>500 cfu/g
E. coli	Absent	Absent	Present
Salmonella	Not detected in 25g	Not detected in 25g	Detected

Chemical Standards

Test	Target	Acceptable	Reject
Moisture	<14%	14%	>14%
Ph slurry (20g + 100ml)	5	4 - 6	Outside range
Protein (Nx6.25 on d.b)	<0.4%	0.4%	>0.4%
Sulphur dioxide	<10 mg/kg	10mg/kg	>10mg/kg
Visc: Neutr Brad (V at 50°C)	>550BU	550BU	<550BU
Visc: Neutr Brad (V at 95°C)	>330BU	330BU	<330BU
Ash	-	0.1%	-
Bulk Density	-	700g/l	-

Sensory Details

Appearance	White to cream coloured powder
Aroma	Typical of maize starch with no objectionable or off odours
Taste	Typical of maize starch with no objectionable or off odours
Texture	Free following powder

Product Code	Issue No.	Issue Date	Authorised By:	Page
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Bulk Packaging		
	Primary	Secondary
Material	Food grade paper bag	Not applicable
Closure Method	Glue	Not applicable
Repacked Packaging		
	Primary	Secondary
Material	Clear food grade plastic	Corrugated Cardboard
Closure Method	Heat Seal	Brown Gum Tape or Clear Sticky Tape

Nutritional Information	
Parameter	Per 100g
Energy (kJ)	1500
Energy (Kcal)	353
Protein (g)	0.3
Available Carbohydrates (g)	88
Of Which Sugars (g)	0
Fat (g)	0.1
Of Which Saturates (g)	0
Salt (g)	0.025
Fibre (g)	0

Source: Supplier Specification

Allergens				
Component (and products thereof)	Contains (Bulk)	Contains (Repack)	Handled at Shepcote	Comments
Cereals containing gluten	N	MC	<input checked="" type="checkbox"/>	
Crustaceans	N	N	<input type="checkbox"/>	
Eggs	N	N	<input checked="" type="checkbox"/>	
Fish	N	N	<input type="checkbox"/>	
Peanuts	N	MC	<input checked="" type="checkbox"/>	
Soybeans	N	N	<input checked="" type="checkbox"/>	
Milk	N	N	<input checked="" type="checkbox"/>	
Nuts	N	MC	<input checked="" type="checkbox"/>	
Celery	N	N	<input type="checkbox"/>	
Mustard	N	N	<input type="checkbox"/>	
Sesame	N	MC	<input checked="" type="checkbox"/>	
Sulphur Dioxide >10 mg/kg	N	N	<input checked="" type="checkbox"/>	
Lupin	N	N	<input type="checkbox"/>	
Molluscs	N	N	<input type="checkbox"/>	

Y = Contains, N = Does Not Contain, MC = May Contain



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Suitable for		
Group	Bulk	Repacked
Vegetarian	Yes	Yes
Vegan	Yes	Yes
Kosher (Certified)	Yes	No
Halal (Certified)	Yes	No

Other Intolerances and/or Food Groups			
Component	Contains		Comments
	Yes	No	
Genetically Modified Organisms (GMO)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Irradiated Materials	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Hydrogenated Fat/Oil	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Palm Oil	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Maize or Maize Derivatives	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Corn (Maize)
Vegetable & Vegetable Derivatives	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Yeast & Yeast Derivatives	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Seeds, Seed Oil & Seed Derivatives	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Fruit & Fruit Derivatives	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Flavouring, Colours or Preservatives	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Beef, Pork, Lamb, Poultry & Derivatives	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Gelatine	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Other Animal Derivatives	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Added Sugar	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Added Salt	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Mono Sodium Glutamate (MSG)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Artificial Colours Including Azo Dyes	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
BHA/BHT	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Kiwi	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Cinnamon	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Cocoa	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Coriander	<input type="checkbox"/>	<input checked="" type="checkbox"/>	

Product Classification	
CN Code (Valid for EU 28)	1108 12 00

Functionality
Short gel texture
Opaque gel
Relativity high viscosity
Easy dispersion in cold water
Fair resistance to shear
Poor stability to retrogradation
Poor freeze-thaw stability

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Application


Native maize starches are multifunctional ingredients exhibiting properties that can be used in a number of food applications and manufacturing processes: texturizing agents, film formers, water binders, fillers and thickeners.

The product is applied in food products such as:

- bakery products
- pudding powders
- salad dressings
- soups and sauces
- meat products (corned beef, hams and shoulders)

Signed for and on behalf of			
Name	Position	Signature	Date

Please sign and return a copy of this specification within two weeks of receipt. Failure to do so will be deemed as customer acceptance

Signed for and on behalf of Shepcote Distributors Ltd			
Name	Position	Signature	Date
Jurate Junduliene	Quality Manager		30.10.20