



**Spec./Rev.** 1201800-00099 / 117  
**Created On** 19/Jul/2011  
**Current On** 19/Jul/2011

## C☆Gel - Instant 12018

### Product Description

Description

Pregelatinised maize starch

Product label	
Package labelling	Pregelatinized starch
Package labeling US	Food starch unmodified
Ingredients [Listed in Descending Order]	Starch

Raw material	
Corn (Maize)	

Classification	
CN Code	3505 10 90

REACH status	Exempt
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Functionality

- instant viscosity without cooking
- short texture
- gel structure at room temperature
- opaque paste

Application

The product is a instant thickener with a medium to fine granulometry used for:

- instant puddings
- instant sauce, soup and gravy mixes
- bakery mixes
- baby food
- cake mixes

To ensure smooth incorporation preblend with sugar or other dry ingredients prior to mixing into the aqueous system

Appearance	
Powder	

### Specifications [Chemical/physical specifications]

Parameter		Unit	Min	Typical	Max	Text	CoA	CoC
Moisture	-	%			8		<input checked="" type="checkbox"/>	<input type="checkbox"/>
Bulk Density	loose	g/l	290		410		<input type="checkbox"/>	<input type="checkbox"/>
Bulk Density	packed	g/l	390		510		<input type="checkbox"/>	<input type="checkbox"/>
Granulometry	< 100 µm	%			45		<input checked="" type="checkbox"/>	<input type="checkbox"/>
Granulometry	> 300 µm	%			8		<input checked="" type="checkbox"/>	<input type="checkbox"/>
Non soluble residue	-					pass test	<input type="checkbox"/>	<input type="checkbox"/>
pH pregel	5%		4.5		7.5		<input checked="" type="checkbox"/>	<input type="checkbox"/>



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Parameter		Unit	Min	Typical	Max	Text	CoA	CoC
Protein	Nx6.25 on d.b.	%			0.4		<input type="checkbox"/>	<input type="checkbox"/>
Sulphur dioxide	-	mg/kg			10		<input type="checkbox"/>	<input checked="" type="checkbox"/>
Visc: Cold RVA	6%ds	mPa.s	250		475		<input checked="" type="checkbox"/>	<input type="checkbox"/>

### Specifications [Microbiological specifications]

Parameter		Unit	Min	Typical	Max	Text	CoA	CoC
Total plate count	/g				500		<input type="checkbox"/>	<input checked="" type="checkbox"/>
Yeasts	/g				50		<input type="checkbox"/>	<input checked="" type="checkbox"/>
Moulds	/g				50		<input type="checkbox"/>	<input checked="" type="checkbox"/>
E. coli	/g					absent	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Salmonella	/25g					absent	<input type="checkbox"/>	<input checked="" type="checkbox"/>

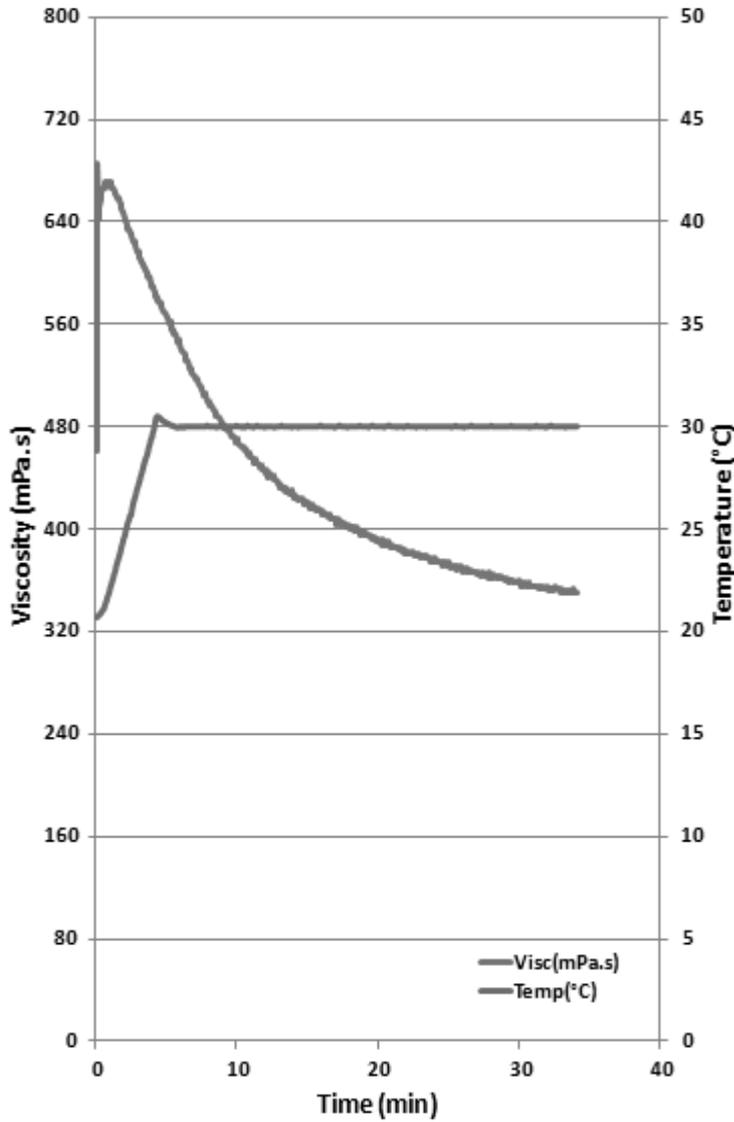
### Specifications [Typical product data]

Parameter		Unit	Typically
Ash	-	%	0.2



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### Allergens [Additional]

#### Presence information

	Presence	Comment
Milk protein	No	
Lactose	No	
Eggs	No	
Soy protein	No	
Soy oil	No	
Gluten	No	
Wheat	No	
Rye	No	
Beef	No	
Pork	No	
Chicken	No	
Fish	No	



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### Presence information [Continued]

	Presence	Comment
Shell-fish and crustaceans	No	
Maize	Yes	
Cocoa	No	
Legumes/pulses	No	
Nuts	No	
Nut-oil	No	
Peanuts	No	
Peanut-oil	No	
Sesame seeds	No	
Sesame-oil	No	
Glutamate	No	
Sulphite (E220 - E228)	No	
Coriander	No	
Celery	No	
Carrot	No	
Lupin	No	
Mustard	No	

### Presence information of ingredients

	Presence	Comment
Milk constituents	No	
Milk powder	No	
Soy lecithin	No	
Soy flour	No	
Soy meal	No	
Wheat flour	No	
Wheat meal	No	
Wheat starch	No	
Bread crumbs	No	
Egg yolk	No	

### Allergens [Legal directives]

#### Allergen information

	Presence	Comment
Cereals containing gluten and products thereof	No	
Crustaceans and products thereof	No	
Eggs and products thereof	No	
Fish and products thereof	No	
Peanuts and products thereof	No	
Soybeans and products thereof	No	
Milk and products thereof (including lactose)	No	
Nuts and products thereof	No	
Celery and products thereof	No	
Mustard and products thereof	No	
Sesame seeds and products thereof	No	
Sulphur dioxide and sulphites	No	** SO2 <10 mg/kg
Lupins and products thereof	No	
Molluscs and products thereof	No	

The above list of allergens is in accordance with Annex IIIa of the European Food Labelling Directive 2000/13/EC as amended.



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The above list of allergens is in accordance with Food Allergen Labeling and Consumer Protection Act (FALCPA) of 2004

The above list of allergens is in accordance with Health Canada, the Canadian Food Inspection Agency (CFIA)

Allergen comment for EU on SO2

\*\* Sulphur dioxide <10ppm allergen labelling not required according to the European Food Labeling Directive 2000/13/EC as amended.

### Nutritional Information

#### Average values per 100g

Nutrient	Unit	EU	US	Japan	Comment
Energy (kcal)	kcal	373	373	373	
Calories from Fat	kcal		0		
Energy (kJ)	kJ	1585	1585	1585	
Protein	g	0.3	0.3	0.3	
Carbohydrates	g	93	93	93	
of which sugars	g	0	0	0	
of which starch	g	93	93	93	
of which dietary fibre	g	0	0	0	
Fat	g	0.1	0.1	0.1	
of which saturated	g	0	0	0	
of which Trans Fat	g	0	0	0	
Cholesterol	mg	0	0	0	
Sodium	mg	10	10	10	
Calcium	mg	5	5	5	
Iron	mg	0.2	0.2	0.2	
Vitamin A	IU	0	0	0	
Vitamin C	mg	0	0	0	
Water	g	7	7	7	
Ash	g	0	0	0	

The list comprises relevant nutritional components only.

Values are calculated based on the average of product specifications. In those cases where only a minimum or a maximum value is specified, these values were taken respectively.

The EU column lists the nutritional values in accordance with Council Directive 90/496/EEC on nutritional labelling for foodstuffs

The US column lists the nutritional values in accordance with Code of Federal Regulations (CFR 21).

The Japan column lists the nutritional values in accordance with the Japanese Legislation

The energy values may differ per region because of different calculations.

### Additional Product Information

#### Dietary information

Suitable for		Certified	Comment
Halal	Yes	Yes	
Kosher	Yes	Yes	
Lacto-vegetarian	Yes	No	
Ovo-vegan	Yes	No	
Vegan	Yes	No	
Vegetarian	Yes	No	



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### GMO statement

For its operations in Europe, Cargill complies with the EU GMO requirements as principally laid down under EC Regulation No 1829/2003 on 'genetically modified food and feed' and EC Regulation No 1830/2003 on 'the traceability and labelling of food and feed products produced from GMO's'. By ensuring the supply of conventional ingredients in the EU, Cargill thus ensures that there is no need to label its products under either 1829/2003 or 1830/2003.

Our products produced by European locations comply with:

Council Regulation 93/315/EEC, setting the basic principles of EU legislation on contaminants and food, and Commission Regulation (EC) No 1881/2006 setting maximum limits for certain contaminants in food.

### *Packaging and Storage Information/Recommendations*

#### **Standard packaging**

Bulk
Paper Bags

#### **Recommended storage conditions**

Store inside, under dry conditions
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#### **Shelf life for packed product**

Shelf life after production date (months):	12
Minimum remaining shelf life after delivery (months):	6

#### Comments to shelf life

The specified shelf life can only be guaranteed for this product if the above mentioned recommended storage conditions are respected. For products delivered in bulk, there should be a clean storage (and circulation) system, protected from any potential contamination.

### *Remarks*

#### Disclaimer:

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