

Cargill NV

DESCRIPTION

Native starch obtained from maize.

RAW MATERIAL

Corn (Maize)

PRODUCT LABEL

Package labelling Corn Starch

Ingredients [Listed in
Descending Order] Starch

PRODUCT CLASSIFICATION

CN Code 1108 12 00

Country of Origin

Turkey

SPECIFICATIONS

Chemical/physical specifications

Parameter		Unit	Min	Typical	Max	Text
Moisture	-	%			13	
Ash, HCl insoluble	-	%			0.1	
Fat+oil	-	%			2	
Granulometry	> 150 µm	%			1	
pH slurry	20g + 100 ml		4		6	
Protein	Nx6.25 on d.b.	%			0.45	
Sulphur dioxide	-	mg/kg			9.9	

Microbiological specifications

Parameter		Unit	Min	Typical	Max	Text
E. coli	/g					absent
Sulph. red. anaerob. bacteria	/g				1000	
Bacillus cereus	/g				1000	
Staphylococcus coag.+	/g				1000	

Typical product data

Parameter		Unit	Typically
Appearance	-		white powder
Bulk Density	-	g/l	520

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	
Lupins and products thereof	No	
Molluscs and products thereof	No	

The above list of allergens is in accordance with Annex-8 of the Turkish Food Codex Communiqué on Rules for General Labelling and Nutritional Labelling of Foodstuffs.

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

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

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

Dietary information

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

Legal requirements

Turkish Food Codex

STANDARD PACKAGING

Paper Bags

RECOMMENDED STORAGE CONDITIONS

Store inside, under dry conditions

SHELF LIFE FOR PACKED PRODUCT

Shelf life after production date (months): 24

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.

FUNCTIONALITY

- short gel texture
- opaque gel
- relatively high viscosity
- easy dispersion in cold water
- fair resistance to shear
- poor stability to retrogradation
- poor freeze - thaw stability

APPLICATION

Native maize starches are multifunctional ingredients exhibiting properties that can be used in a number of food applications and processes:

texturising agents, film formers, water binders, fillers, thickeners.

The product is applied in food products such as bakery products, pudding powders, salad dressing, soups and sauces.

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Country of origin definition:

Country of Origin or product origin is defined as the country where the material was manufactured/produced/cultivated.

When the material undergoes substantial transformation in a second country, the country in which the transformation is performed shall be considered the country of origin.

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Nutritional Information					
Average values per 100g	Unit	EU	US	Japan	Comment
Energy (kcal)	kcal	353	353	353	
Calories from Fat	kcal		0		
Energy (kJ)	kJ	1498	1498	1498	
Protein	g	0.3	0.3	0.3	
Carbohydrates	g	88	88	88	
of which sugars	g	0	0	0	
of which starch	g	88	88	88	
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	12	12	12	
Ash	g	0	0	0	

The EU column is also valid for Turkey.

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.