

C☆Dex™ 02001

DESCRIPTION

Crystalline a-D-glucose (dextrose) monohydrate

This product will be produced from maize in Spain, Italy and Germany until spring 2023. From spring 2023, the product from Germany will only be made from wheat. The product from Spain and Italy will continue to be made from maize. In order to inform customers about the raw material options after spring 2023, the content of this product information has been updated and is valid for both raw materials, maize and wheat.

RAW MATERIAL

Corn (Maize)

Wheat

PRODUCT LABEL

Package labelling Dextrose Monohydrate

Ingredients [Listed in
Descending Order] Dextrose

PRODUCT CLASSIFICATION

CN Code (EU) 1702 30 50
CAS No 77938-63-7
EC No 207-757-8

Country of Origin

Spain
Italy
Germany

SPECIFICATIONS

Chemical/physical specifications

Parameter		Unit	Min	Typical	Max	Text
Moisture	-	%	8		9.5	
Chloride	-	mg/kg			50	
Dx	on d.b.	%	99.5			
Granulometry	< 100 µm	%			35	
Granulometry	> 500 µm	%			10	
Raw material	-					
Sulphur dioxide	-	mg/kg			10	
Sulphated ash	on d.b.	%			0.25	

Microbiological specifications

Parameter		Unit	Min	Typical	Max	Text
Total plate count	/g				300	
Yeasts	/g				100	
Moulds	/g				50	
Salmonella	/25g					absent
Staphylococcus aureus	/g					absent

Typical product data

Parameter		Unit	Typically
Appearance	-		White crystalline powder.
Odour	-		Typical, without foreign odours.

Allergens (Legal directives)
Allergen information

	Presence	Comment
Wheat and products thereof	No	No, if product is produced from Maize. Yes, if product is produced from Wheat.
Cereals containing gluten and products thereof	No	* gluten <20 mg/kg
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 II of Regulation (EU) n° 1169/2011 on food information to consumers

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)

** Sulphur dioxide max 10ppm allergen labelling not required according to Annex II of Regulation (EU) n° 1169/2011 on food information to consumers.

* Wheat-based glucose syrups including dextrose, wheat-based maltodextrins and products thereof (such as polyols) are exempted from allergen labelling according to Annex II of Regulation (EU) n° 1169/2011 on food information to consumers.

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	

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.

Legal requirements

This product is in compliance with:

Directive 2001/111/EEC - certain sugars intended for human consumption

REGULATION (EC) No 1935/2004 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 27 October 2004 on materials and articles intended to come into contact with food (as amended)

REGULATION (EC) No 178/2002 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 28 January 2002 laying down the general principles and requirements of food law, establishing the European Food Safety Authority and laying down procedures in matters of food safety (as amended)

REGULATION (EC) NO 396/2005 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 23 February 2005 on maximum residue levels of pesticides in or on food and feed of plant and animal origin (as amended)

REGULATION (EC) No 852/2004 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 29 April 2004 on the hygiene of foodstuffs (as amended)

Package labelling (outside Europe*): Russia, Morocco, USA, Egypt, Saudi Arabia, Ukraine, Japan, Israel, Kazakhstan:

Wheat Dextrose (if product is produced in Germany from wheat)

* for destination countries not listed here after, we recommend to check the respective legislations/regulations with accordance to botanical origin and allergen labelling when product is derived from wheat

Status pursuant to USDA 7 CFR Part 66 National Bioengineered Food Disclosure Standard ("BE" status):

The product has been sourced from a non-bioengineered source and the inadvertent presence of BE is less than 0.9%.

COMMISSION REGULATION (EU) 2023/915 on maximum levels for certain contaminants in food (as amended)

STANDARD PACKAGING

Bulk

Paper Bags

FFS Bags

Big Bags

RECOMMENDED STORAGE CONDITIONS

Store inside, under dry conditions

SHELF LIFE FOR PACKED PRODUCT

Shelf life after production date (months): 24

Minimum remaining shelf life after delivery (months): 12

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

- clear, sweet flavour (relative sweetness at 10% d.s.: 75)
- significant cooling effect
- high fermentability
- good stability (no inversion)
- high osmolarity
- high browning effect (maillard reaction)

APPLICATION

This product is a general purpose monohydrate dextrose used in a high number of food products such as:

- bakery products (cakes, biscuits, cookies, icings, breads, crackers, fillings, wafers)
- ice cream and frozen desserts
- dairy products (chocolate drinks, milkshakes, yoghurt, desserts)
- meat products (sausages, hams, corned beef, salami)
- spices and seasonings
- convenience food (baby foods, drink powders, pudding powders, ready meals, cake mixes)

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.

Disclaimer:

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Nutritional Information					
Average values per 100g	Unit	EU	US	Japan	Comment
Energy (kcal)	kcal	365	365	365	
Energy (kJ)	kJ	1551	1551	1551	
Protein	g	0	0	0	
Carbohydrates	g	91	91	91	
of which sugars	g	91	91	91	
Added sugars	g		91		
of which starch	g				
of which polyols	g	0	0	0	
Dietary Fiber	g	0	0	0	
Fat	g	0	0	0	
of which saturated	g	0	0	0	
of which Trans Fat	g	0	0	0	
Cholesterol	mg	0	0	0	
Sodium	mg	5	5	5	
Salt	mg	12.5	12.5	12.5	
Calcium	mg	0	0	0	
Iron	mg	0	0	0	
Potassium	mg		0		
Vitamin C	mg	0	0	0	
Vitamin D	mcg		0		
Water	g	9	9	9	
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 Regulation (EU) n° 1169/2011 on food information to consumers.

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.

DISTRIBUTOR COMPANY INFORMATION			
name	BRENNTAG N.V.	BRENNTAG Nederland B.V.	BRENNTAG SOUTH AFRICA (PTY) LTD
address	Nijverheidslaan 38 8540 Deerlijk	Donker Duyvisweg 44 3316 BM Dordrecht	11 Mansell Road Killarney Gardens, 7441
country	Belgium	The Netherlands	South Africa
phone number	+32 (0)56 77 69 44	+31 (0)78 65 44 944	+27 (0)21 0201800
website	www.brenntag.be	www.brenntag.nl	www.brenntag.co.za
e-mail	info@brenntag.be	info@brenntag.nl	info@brenntag.co.za
activities	Distribution and export of chemicals and ingredients		
VAT number	BE0405317567	NL001375945B01	4740102209
emergency number(24/365)	+32 (0)56 77 69 44	+31 (0)78 6544 944	+27 (0)21 0201800
management systems: certifications	ISO 9001, ISO 14001, ISO 22000, FSSC 22000, GMP+ Feed, ESAD	ISO 9001, ISO 14001, ISO 22000, FSSC 22000, OHSAS 18001, GMP+ Feed, ESAD, AEO	ISO 9001, FSSC 22000