

PRODUCT DESCRIPTION - PD 585-13.0EN

Material no. 182795

DIMODAN® PH 110/B KOSHER

Distilled Monoglyceride

Description

DIMODAN® PH 110/B KOSHER is a specially processed distilled palm based monoglyceride which can be directly employed in powder form as a starch complexing agent in cereal and starch-based products.

Application areas

Bread, pasta products and potato products.

Potential benefits

- Bread: improves crumb softness, provides a fine and uniform crumb structure, reduces staling rate
- Pasta products: improves cooking stability and makes production easier
- Potato products: Improves product quality and makes production easier

Usage levels

(Based on total product, unless indicated otherwise.)

Bread	0.3-1.0 % of flour
Pasta products (In EU only allowed in gluten free and fresh pasta)	0.3-1.0 % of starch
Potato products	0.3-1.0 % of starch

Composition

DIMODAN® PH 110/B KOSHER is a distilled monoglyceride (E 471) with antioxidants added:
Alpha-tocopherol (E 307) max. 200 ppm
Ascorbyl palmitate (E 304) max. 200 ppm

The antioxidants are dissolved in:
Citric acid ester (E 472c) max. 400 ppm

Physical/chemical specifications

(Methods of analysis available on request)

Total monoglyceride	min. 90 %
Iodine value	30-40
Free glycerol	max. 1 %
Acid value	max. 3
Dropping point	approx. 61 °C
Form	fine powder

Microbiological specifications

Total plate count	max. 5,000 /g
Yeast and mould	max. 100 /g
Enterobacteria	absent in 1 g
Salmonella	absent in 25 g

Heavy metal specifications

Arsenic (As)	max. 3 mg/kg
Lead (Pb)	max. 2 mg/kg
Mercury (Hg)	max. 1 mg/kg
Cadmium (Cd)	max. 1 mg/kg
Heavy metals (as Pb)	max. 10 mg/kg

Nutritional data

(Approximate values for nutrition labelling per 100 g)

Energy	850/3,600 kcal/kJ
Protein	not applicable
Carbohydrate	not applicable
- of which sugars	not applicable
Fat	100 g
-of which saturates	50 g
Fibre	not applicable
Sodium	not applicable
Trans fatty acid	approx. 20 %

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Storage

Store in unbroken packaging under conditions preferably not exceeding 10°C/50°F and 80% relative humidity. Keep away from sunlight and odorous products.

Total shelf life 12 months

Shelf life is stated as a min. from date of production when the product is stored in unbroken packaging and provided that the storage conditions specified are observed.

Packaging

Carton (powder)	25 kg
Euro pallet	400 kg
Customs tariff no.	340490
Tara weight	1.25 kg

Purity and legal status

DIMODAN® PH 110/B KOSHER meets the specifications laid down by the FAO/WHO, the EU, and the Food Chemicals Codex. DIMODAN® PH 110/B KOSHER is covered by EU reference No. E 471 and by US FDA No. 21 CFR 184.1505.

Local food regulations should always be consulted concerning the status of this product, as legislation regarding its use in food may vary from country to country. Advice regarding the legal status of this product may be obtained on request.

Safety and handling

A Material Health and Safety Data Sheet is available on request.

Country of origin

Denmark

Kosher status

Product is Kosher certified.

GMO status

According to regulations EC Nos. 1829/2003 and 1830/2003: The raw materials used in the production of this product do not contain or consist of GMOs, and they are not produced from GMOs. The raw material can be traced back to its origin. Adventitious and unavoidable GM cross contamination is not exceeding the limit of 0.9%. Questionnaire has been used as documentation.

According to regulations EC Nos. 1829/2003 and 1830/2003: Microorganisms used for the production of citric acid are not genetically modified microorganisms. Substrates and carriers do not contain or consist of GMOs and are not produced from GMOs. Questionnaire has been used as documentation.

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Allergens

Below table indicates the presence (as added component) of the following allergens and products thereof:

Yes	No	Allergens	Description of components
	X	Cereals containing gluten	
	X	Crustaceans	
	X	Eggs	
	X	Fish	
	X	Peanuts	
	X	Soybeans	
	X	Milk (including lactose)	
	X	Nuts	
	X	Celery	
	X	Mustard	
	X	Sesame seeds	
	X	Sulphur dioxide and sulphites (>10 mg/kg)	
	X	Lupin	
	X	Molluscs	

According to Directive 2007/68/EC: Wheat-based glucose syrups including dextrose and products thereof; and fully refined soybean oil and fat and products thereof are exempt from labelling according to Annex IIIa to Directive 2000/13/EC as regards certain food ingredients.