

LYGOMME™ FZ 617

DESCRIPTION

This product is a blend used as a texturant. It is a stabilizer particularly suited to the manufacture of sorbets. The recommended dosage can vary from 0.40% to 0.70%, depending on its content in fruit pulp. According to its composition, this stabilizer will enhance fruit flavours.

This product consists of:

- XANTHAN GUM E415
- GUAR GUM E412
- DEXTROSE AND/OR SUCROSE
- HYDROLYSED PEA PROTEINS

PRODUCT CLASSIFICATION

INS 415 [E415]
INS. 412 [E412]

Country of Origin

France

SPECIFICATIONS

Microbiological specifications

Parameter	Unit	Min	Typical	Max	Text
Total plate count	/g			5000	
Yeasts+moulds	/g			500	
E. coli	/g				absent
Salmonella	/10g				absent

Typical product data

Parameter	Unit	Typically
Appearance	-	creamy-white to light-brown powder
Odour+taste	-	neutral

Allergens (Legal directives)

Allergen information

	Presence	Comment
Cereals containing gluten and products thereof	No	*
Wheat 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	

* Cereals containing gluten (i.e. wheat, rye, barley, oats, spelt, kamut or their hybridised strains)

** Nuts i.e.: almonds, hazelnuts, walnuts, cashews, pecan nuts, Brazil nuts, pistachio nuts, macadamia nuts or Queensland nuts

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)

GMO statement

This product is not required to be labeled in accordance with the GMO labeling provisions of REGULATION (EC) No 1829/2003 and 1830/2003 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 22 September 2003.

Legal requirements

Food additives contained in this product comply with the definition and specifications from JECFA (FAO/WHO) and EU Commission Regulation 231/2012 as amended.

However, we recommend that the user ensures that this product is in compliance with the local regulations in force, particularly in the country where the product is to be consumed.

STANDARD PACKAGING

25 kg (net) PE bags hermetically sealed

Single plastic: white outside/blue inside

RECOMMENDED STORAGE CONDITIONS

Store in original packaging until use

Store under cool and dry conditions

SHELF LIFE FOR PACKED PRODUCT

Shelf life after production date (months): 18

SHELF LIFE COMMENTS

The specified shelf life can only be guaranteed for this product if the above mentioned recommended storage conditions are respected.

FUNCTIONALITY

DISPERSION

To disperse the product without lumps:

- premix the powder with the other dry ingredients,
- or, disperse it in a non-solvent medium (oil, alcohol)

and pour the preparation into the liquid while stirring. Continue stirring to obtain a complete dispersion.

DISSOLUTION

The dissolution of the product depends on the medium and the process:

it is improved by heat-treatment (time, temperature), shear-stress (propeller, exchanger, homogenizer).

Holding the product at a temperature of 65°C (149°F) for 15 minutes makes dissolving the hydrocolloid easier.

APPLICATION

MEDIA / USES

For food applications

The product is standardized by selecting its constituents to guarantee the quality of the sorbet.

TEXTURE

Ensures a good overrun in the sorbet product.

Avoids the effects of thermal shocks during the distribution of the sorbets.

Gives a fine and smooth texture with excellent stability

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	250	350	210	
Energy (kJ)	kJ	1050	1480	870	
Total 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	
Total carbohydrates	g	28	76	28	
of which sugars	g	28	28	28	
Dietary Fiber	g	48	48	48	
Protein	g	11	11	11	
Sodium	mg	1700	1700	1700	
Calcium	mg	35	35	35	
Potassium	mg	180	180	180	
Magnesium	mg	25	25	25	
Iron	mg	0	0	0	
Vitamin A	mcg (RAE)	0	0	0	
Vitamin C	mg	0	0	0	
Water	g	8	8	8	
Ash	g	5	5	5	

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.