



ALEM 621 HPY - 40 FOOD GRADE GLYCERINE MONOSTEARATE

Created on: 17.03.2014

Current on: 02.06.2015

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Product Description

Description	Mono and diglycerides of fatty acids	Country of Origin*
Raw Material	Palm Stearine	Turkey
Package labelling	Glycerine monostearate	
Apperance, at 20 °C	Creamy white, powder	
Ingredients	Palm Stearine, glycerine	
E number	E-471	

Functionality

- Used in foodstuff for emulsification, dispersion, foaming, defoaming, anticaking, starch anti-aging and fat agglomeration control.

Application

Halva, gum base (chewing gum), ice cream, dairy products, bakery products, margarine, spread, toffee, ready mixes (soups)

Specifications

Chemical/physical specifications

Parameter	Unit	Min	Max	Test Method
Colour	Gardner	-	4	A.O.C.S. Td 1a-64
Acid value	mg KOH/g	-	3	A.O.C.S. Te 1a-64
Iodine value	g I ₂ /100 g	-	1	A.O.C.S. Tg 1a-64
α-Monoglyceride	%	38	48	A.O.C.S. Cd 11-57
Melting point	°C	55	59	A.O.C.S. Cc 1-25

Chain Distribution

Parameter	Unit	Min	Max	Test Method
Palmitic acid- C16:0	%	50	70	A.O.C.S. Ce 1-62
Stearic acid- C18:0	%	33	45	
Oleic acid- C18:1	%	-	1	

Microbiological specifications

Parameter	Unit	Max
Staphylococcus coag.+	cfu/g	1000
Bacillus cereus	cfu/g	1000
Sulph. red. anaerob. bacteria	cfu/g	1000

Nutritional Information (Average values per 100 g)

Energy (kcal)	867
Enerji (kJ)	3685
Protein, g	0
Carbohydrates, g	≤ 5
of which sugars, g	0
of which starch, g	0
of which polyols, g	≤ 5
of which dietary fibre, g	0
Fat, g	≥ 95
of which saturated, g	≥ 95
of which trans fat, g	0
Water, g	≤ 0,5

Values are calculated based on the average of product specifications.

Dietary information

	Suitable for	Certified
Halal	Yes	Yes
Kosher	Yes	Yes



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Legal requirements

This product is in compliance with;

Turkish Food Codex

EU-178/2002 of 28/1/2002

EU-852/2004 of 29/4/2004

EU-1881/2006 of 19/12/2006

EU-1829/2003 of 22/9/2003, EU-1830/2003 of 22/9/2003

EU-231/2012 of 09/05/2012, EU-1333/2008 of 16/12/2008

EU-1169/2011 of 25/10/2011

Turkish Food Codex Regulation on Labelling and does not contain any allergens stated on this.

Packaging and Storage Information/Recommendations

Standard packaging

Kraft bag

Recommended storage conditions

Store under dry and cool conditions, away from strong smelling materials. Prevent exposure to direct sunlight.

Shelf life for packaged 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.

Remarks

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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.

Cargill Tarım ve Gıda San. ve Tic. A.Ş.

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