

TOPCITHIN™ NGM

DESCRIPTION

Liquid soy lecithin, non-GM, FQ-MaxX

A mixture of non-polar (triglycerides) and polar (phospho- and glyco-) lipids and a small amount of carbohydrates.

RAW MATERIAL

Soy lecithin

PRODUCT LABEL

Ingredients EU [Listed in Descending Order] Soy lecithin

Ingredients US [Listed in Descending Order] Soy lecithin

Ingredients CH [Listed in Descending Order] Soy lecithin

PRODUCT CLASSIFICATION

CN Code (EU) 2923.2000

E No E 322

INS 322 i

FCC INS 322

Country of Origin

Netherlands / China

SPECIFICATIONS

Chemical/physical specifications

Parameter		Unit	Min	Typical	Max	Text
Acetone Insolubles	-	%	60			
Moisture	-	%		0.8	1.5	
Loss on drying	-	%			2	
Peroxide Value	E322	meq/kg			5	Zaandam, Tianjin
Peroxide Value	GB1886.358	mmol/kg			2.5	Tianjin
Acid Value	-	mg KOH/g			28	
Toluene Insolubles	-	%			0.3	Zaandam
Hexane insolubles	-	%			0.3	Tianjin
Iodine Colour Value	10 % in toluene			60		Zaandam
Gardner Colour Value	10 % in hexane				13	Tianjin
Gardner Colour Value	10 % in toluene				11	Zaandam
Viscosity	25°C / 77°F	Pa.s		10	12.5	
Phosphatidylcholine	-	%		12		
Phosphatidylethanolamine	-	%		8		
Phosphatidylinositol	-	%		10		
Phosphatidic acid	-	%		4		

Microbiological specifications

Parameter		Unit	Min	Typical	Max	Text
Total plate count	/g				500	
Yeasts	/g					<10
Moulds	/g					<10
Enterobacteriaceae	/g					absent
Salmonella	/750g					absent
Staphylococcus aureus	/g					<10
Clostridium perfringens	/g					<10

Residues and contaminants

Parameter		Unit	Min	Typical	Max	Text
Arsenic	-	ppm			3	
Lead	-	ppm			1	
Mercury	-	ppm			1	
Residual Solvents	-	ppm			50	

Contaminants monitored per specified program. Not tested or reported on individual batches

Typical product data

Parameter		Unit	Typically
Appearance	-		tan to amber liquid
Odour+taste	-		Characteristic

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	Yes	
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 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) of 2004

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

Dietary information

Suitable for		Certified	Comment
Kosher	Yes	Yes	Orthodox Union
Halal	Yes	Yes	

GMO statement

The product is derived from non-genetically modified soybeans.

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

Regulation 231/2012 laying down specifications for food additives listed in Annexes II and III to Regulation (EC) No. 1333/2008.

The product is generally recognized as safe (GRAS), Title 21 CFR 184.1400: lecithin.

Specific national legislation on the manufacture, the maximum amount and the labelling of certain foods must be respected.

The product corresponds with E 322 (EC regulation) for food additive: lecithins.

The product complies with GB 1886.358 (China regulation) National Food Safety Standard for Food Additive Lecithin.

Meets the current United States Pharmacopoeia Monograph for Lecithin. Monograph conformance testing completed annually. (Monograph testing frequencies, other than annual monitoring, completed only per negotiated contract.)

This product is not produced according to pharmaceutical cGMP for APIs or respectively Excipients. This product is not intended for use in the manufacture of injectable dosage forms.

The production site is ISO 9001 and FSSC 22000 certified.

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%.

STANDARD PACKAGING

200 kg (440 lb) open-lid or bung-hole drum

1000 kg (2204 lb) Intermediate Bulk Container (IBC)

Bulk (min. 5 Ton) tanker

RECOMMENDED STORAGE CONDITIONS

Reclose packaging immediately after opening

Store in a dry place

Store in a dry place between 10-30°C (50-86°F), humidity <70%

Store in original packaging until use

SHELF LIFE FOR PACKED PRODUCT

Shelf life after production date (months): 24

REMARK

Due to its composition the product may occasionally separate. This does not influence the quality. Stirring at a slightly elevated temperature will re-homogenize the product.

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

Dispersible in water, soluble in fats/oils and partly soluble in ethanol.

Heating to facilitate better handling is acceptable if surface temperatures are held below 60°C (140°F)

APPLICATION

Use in high quality food, cosmetic products and as excipient in pharmaceutical formulations.

Use in all cases where highest hygiene and sanitary conditions are required.

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:

The information in this data sheet applies only to products designated herein and produced or supplied by us. It is based on our experience and on the data available to us at the time of its issue and is accurate to the best of our knowledge*. It is for your information and guidance only and no warranty is made that the information is accurate or complete. We accordingly exclude, to the fullest extent permitted under the Law, all liability in connection with the use of this information or the products referred to herein. All such risks are assumed by the purchaser/user. The information contained herein is also subject to change without notice. For the avoidance of doubt, however, nothing in this document excludes or limits our liability for death or personal injury caused by our negligence or for fraudulent misrepresentation.

*Please note that where, for specific applications, strict adherence to the stated minimum/maximum typical value for a given parameter is required, customers are requested to contact us.

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Nutritional Information					
Average values per 100g	Unit	EU	US	Japan	Comment
Energy (kcal)	kcal	900	652	840	
Energy (kJ)	kJ	3700	2725	3511	
Calories from Fat (kcal)	kcal	900	630	790	
Calories from Fat (kJ)	kJ	3700	2633	3302	
Protein	g	0	0	0	
Carbohydrates	g	5.5	5.5	5.5	
of which sugars	g	3	3	3	
Added sugars	g	0	0	0	
of which polysaccharide	g	2.5	2.5	2.5	
of which dietary fibre	g	0	0	0	
Fat	g	93	70	93	
of which saturated	g	14	14	14	Values referred are linked to fatty acids
of which mono unsaturated	g	8	8	8	Values referred are linked to fatty acids
of which poly unsaturated	g	38	38	38	Values referred are linked to fatty acids
of which Trans Fat	g	0.1	0.1	0.1	Values referred are linked to fatty acids
Cholesterol	mg	0	0	0	
Sodium	mg	30	30	30	
Calcium	mg	200	200	200	
Iron	mg		2		
Potassium	mg	1100	1100	1100	
Vitamin D	mcg	0	0	0	
Water	g	0.8	0.8	0.8	
Ash	g				* N/A

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.

For US the fat content is defined as the "sum of all lipid fatty acids expressed as triglycerides".

*) N/A = not applicable, ash contains phosphorus which is counted already upon total fat (phospholipids)