 Specification No 01/SF50M	PRODUCT SPECIFICATION
	SF 50M SUNFLOWER LECITHIN POWDER

1. Description

Sunflower Lecithin Powder SF 50M is a mixture of sunflower phosphatides obtained by spray drying with addition of corn maltodextrin as carrier.

Content of carrier 50-55%, lecithin min. 45%.

2. Country of production

Poland

3. Product specification

3.1. Sensory properties

No	Parameter	Properties
1	Consistency	Homogenous, free flowing powder without lumps
2	Taste, smell	Sweet, typical without off-tastes and off-flavours
3	Colour	Cream-gray to dark brown

3.2. Chemical and physical properties

No	Parameter	Properties
1	Loss on drying (110°C)	max 5,0 %

3.3. Microbiological properties

No	Parameter	Properties
1	Total plate count	Max 2×10^4 (1g)
2	Escherichia coli	Absent (1g)
3	Salmonella	Absent (25 g)
4	Moulds	Max 1×10^2 (1g)
5	Yeast	Max 1×10^2 (1g)

4. Contaminants


The lecithin used in this product, is in accordance to the requirements of the Regulation (EC) No 231/2012 laying down specifications for food additives listed in Annexes II and III to Regulation (EC) No 1333/2008 along with amendments; the carrier used in production, as a foodstuff conforms the current requirements of the EU Regulations as well of food law in Poland and complies following Regulations (EC) 1881/2006, 396/2005 i 2073/2005.

5. GMO status

According to Commission Regulation no 1829/2003 and 1830/2003 and current legislation, the product does not require labeling, because the raw material is obtained from conventional non GMO- sunflower kernels.

6. Radiation

The product and its ingredients is not treated with ionizing radiation.

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7. Allergen information

The allergen list is based on Annex II of Regulation (EU) 1169/2011 from 25-th October 2011 along with amendments.

No.	Allergens	Present in product (Yes/No)	Cross contamination (Yes/No)
1	Cereals containing gluten, namely: wheat (such as spelt and khorasan wheat), rye, barley, oats or their hybridised strains, and products thereof, except: (a) wheat based glucose syrups including dextrose (1); (b) wheat based maltodextrins ⁽¹⁾ ; (c) glucose syrups based on barley; (d) cereals used for making alcoholic distillates including ethyl alcohol of agricultural origin;	No	No
2	Crustaceans and products thereof;	No	No
3	Eggs and products thereof;	No	No
4	Fish and products thereof;	No	No
5	Peanuts and products thereof;	No	No
6	Soybeans and products thereof;	No	No
7	Milk and products thereof (including lactose);	No	No
8	Nuts i.e. almond (<i>Amygdalus communis</i> L.), hazelnut (<i>Corylus avellana</i>), walnut (<i>Juglans regia</i>), cashew (<i>Anacardium occidentale</i>), pecan nut (<i>Carya illinoensis</i> (Wangenh.) K. Koch), Brazil nut (<i>Bertholletia excelsa</i>), pistachio nut (<i>Pistacia vera</i>), macadamia nut and Queensland nut (<i>Macadamia ternifolia</i>), and products thereof;	No	No
9	Celery and products thereof;	No	No
10	Mustard and products thereof;	No	No
11	Seeds and products thereof (i.e. sesame seed, cotton seed, poppy seed, sunflower seed);	No	No
12	Sulphur dioxide and sulphites at concentrations of more than 10mg/kg or 10mg/litre expressed as Sulphur dioxide;	No	No
13	Lupin and products thereof;	No	No
14	Molluscs and products thereof;	No	No

⁽¹⁾ And the products thereof, in so far as the process that they have undergone is not likely to increase the level of allergenicity assessed by the Authority for the relevant product from which they originated.

8. Package

Product is packed in cartons or in paper bags with blue HDPE bags. Weight 25kg netto.

9. Storage, transport, distribution

Product should be stored in dry, clean and light warehouse, in temperature 5-35°C and humidity max 75%. After opening use immediately or reclose it against contact with environment. Transport kind requirements – clean, dry, no pests.

10. Shelf life

Shelf life – 24 months from the production date in originally packing.

11. Functionality


Product is dispersible in water.

12. Application

Product is developed for use in food industry and especially in bakery and confectionery products.

13. Coding

CAS: 8002-43-5

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EINECS: 232-307-2

CN: 29232000

The information contained herein is believed to be true and accurate. We accordingly also exclude all liability in connection with the purchaser's/user's use of the products or the information referred to herein. All such risks are assumed by the purchaser's/user's.