

Supplier Office / Production / Warehouse site

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Schobbers quality systems

Certified BRC: Yes
 Certified Organic: Yes

Product description

Article name: Sunflowerkernels hulled Bakery
 Dutch name: Zonnebloempitten gepeld Bakery
 Official name: sunflowerkernels
 Botanical name: helianthus annuus
 Product description: 100% agricultural product of nature
 Function - Intended use: topping and condiment for bakery, pastry, muesli and cereals industries
 Preparation: must be heated (>70C for min. 120 seconds) as ingredient or before direct consumption
 EU classification system: Oilseeds
 TARIC Code / Statistical nr: 12060091
 Artikelnummer: 1023

Processing and/or reselling for purposes other than 'intended use' and/or discarding preparation instructions excludes the responsibility and liability of Schobbers.

Product features

HL weight: app. 630 gram per liter
 Shape: oval / round
 Cultivation: Conventional
 Aromatic parts: YES natural | NO nature identical | NO synthetic
 Odor: product specific / neutral
 Taste: product specific / neutral nutty
 Structure: firm

Being a product of nature, features may vary per lot.

Physical features

Purity: min. 99,9%
 Impurity: max. 0,1%
 Vermin/insects: absent
 Moisture: max. % 10
 FFA: max. % 2
 Burnt seeds: max. % N/A
 Un-hulled seeds: max. % 0,01
 Broken seeds: max. % 9 (smaller than 0.5 kernel)
 Un-blanching: max. % N/A
 Hygroscopic: No

Being a product of nature, features may vary per lot. Despite multiple control and careful cleaning in origin, impurities cannot entirely be ruled out. (see 'Processing')

Suitable for diets

Kosher: Yes, and certified
 Halal: Yes
 Vegetarians: Yes
 OVO LACTO Vegans: Yes
 Vegans: Yes
 Organic: No

We confirm the absence of animal ingredients and/or (added) alcohol in all production stages this product. (ingredients/processing aids/growth media of raw materials)

Avg. nutritional values

		UNIT p 100 gr
Energy KJ:	2522	KJ
Energy kcal:	610	Kcal
Fat (Total):	51,5	g
- part Saturated fat:	4,5	g
- part Mono unsaturated fat:	18,5	g
- part Poly unsaturated fat:	23,1	g
Carbohydrates (Total):	11,4	g
- of which sugars:	2,6	g
Fibers:	8,6	g
Protein:	20,8	g
Salt:	0,02	g

For information only, these values originate from literary sources. Being a product of nature, the nutritional values may vary per lot. Empty data is data not (yet) available.

Chemical features

	MAX	UNIT
<i>Heavy metals</i>		
Arsenic (As):	0,10	mg/kg
Cadmium (Cd):	0,50	mg/kg
Lead (Pb):	0,20	mg/kg
Mercury (Hg):	0,02	mg/kg

Pesticides

Pesticides residues: within the norms of pesticides in EU law

Mycotoxins

Aflatoxin B1:	2	µg/kg
Aflatoxin B1/B2/G1/G2:	4	µg/kg
Ochratoxin A:	5	µg/kg
DON:	N/A	µg/kg
Zearalenon:	N/A	µg/kg

Microbiological features

	NORM	UNIT
Aerobic Plate Count:	1.000.000	cfu/g
Entrobacteriaceae:	100.000	cfu/g
E.Coli:	100	cfu/g
Moulds:	5.000	cfu/g
Yeasts:	5.000	cfu/g
Salmonella:	absent in 25 gr	
Bacillus cereus:	1.000	cfu/g
Coliforms:	10.000	cfu/g

List of ingredients

Art.nr:	Component name:	Component name (Dutch):	Percentage:	Colour:	Possible origin(s):				
1023	Sunflowerkernels hulled Bakery	Zonnebloempitten gepeld Bakery	100,00%	grey	<table border="1"> <tr><td>Bulgaria</td></tr> <tr><td>Germany</td></tr> <tr><td>Moldavie</td></tr> <tr><td>Romania</td></tr> </table>	Bulgaria	Germany	Moldavie	Romania
Bulgaria									
Germany									
Moldavie									
Romania									

100,00%

Packing

Direct Packing Unit

Direct Packing Unit		Pallet type 1		Pallet type 2	
Type:	Bag	Pallet type 1:	Euro-exchange-pallet	Pallet type 1:	H1-exchange-pallet
Material:	Paper/PE	Material:	Wood	Material:	Plastic
Color:	Colored	Size:	120 x 80 x app. 14 cm	Size:	120 x 80 x app. 14 cm
Weight:	25,00	# Layers:	10	# Layers:	10
EAN Code:	871805346017	Unit p Layer:	3	Unit p Layer:	3
Closing:	Yarn/Seal	Unit p Pallet:	30	Unit p Pallet:	30
Light protected:	Yes	Pallet wrapping:	LDPE Stretch foil 23 MY	Pallet wrapping:	LDPE Stretch foil 23 MY
Closing material:	Cotton-Nylon/Seal	Pallet top cover:	LDPE Foil (Dustproof)	Pallet top cover:	LDPE Foil (Dustproof)
Modified Atmosphere:	Optional	Pallet bottom cover:	LDPE Foil / Paper sheet	Pallet bottom cover:	LDPE Foil / Paper sheet
		Pallet stackable:	Yes, max. 1 on 1	Pallet stackable:	Yes, max. 1 on 1

Direct Packing Unit

Direct Packing Unit		Pallet type 1		Pallet type 2	
Type:	Bag	Pallet type 1:	Euro-exchange-pallet	Pallet type 1:	H1-exchange-pallet
Material:	Paper/PE	Material:	Wood	Material:	Plastic
Color:	Colored	Size:	120 x 80 x app. 14 cm	Size:	120 x 80 x app. 14 cm
Weight:	22,68	# Layers:	10/11	# Layers:	10/11
EAN Code:	871805346018	Unit p Layer:	3	Unit p Layer:	3
Closing:	Yarn/Seal	Unit p Pallet:	30/33	Unit p Pallet:	30/33
Light protected:	Yes	Pallet wrapping:	LDPE Stretch foil 23 MY	Pallet wrapping:	LDPE Stretch foil 23 MY
Closing material:	Cotton-Nylon/Seal	Pallet top cover:	LDPE Foil (Dustproof)	Pallet top cover:	LDPE Foil (Dustproof)
Modified Atmosphere:	Optional	Pallet bottom cover:	LDPE Foil / Paper sheet	Pallet bottom cover:	LDPE Foil / Paper sheet
		Pallet stackable:	Yes, max. 1 on 1	Pallet stackable:	Yes, max. 1 on 1

Direct Packing Unit

Direct Packing Unit		Pallet type 1		Pallet type 2	
Type:	Bag	Pallet type 1:	Euro-exchange-pallet	Pallet type 1:	H1-exchange-pallet
Material:	Paper/PE	Material:	Wood	Material:	Plastic
Color:	Colored	Size:	120 x 80 x app. 14 cm	Size:	120 x 80 x app. 14 cm
Weight:	15,00	# Layers:	10	# Layers:	10
EAN Code:	000000000000	Unit p Layer:	3	Unit p Layer:	3
Closing:	Yarn/Seal	Unit p Pallet:	30	Unit p Pallet:	30
Light protected:	Yes	Pallet wrapping:	LDPE Stretch foil 23 MY	Pallet wrapping:	LDPE Stretch foil 23 MY
Closing material:	Cotton-Nylon/Seal	Pallet top cover:	LDPE Foil (Dustproof)	Pallet top cover:	LDPE Foil (Dustproof)
Modified Atmosphere:	Optional	Pallet bottom cover:	LDPE Foil / Paper sheet	Pallet bottom cover:	LDPE Foil / Paper sheet
		Pallet stackable:	Yes, max. 1 on 1	Pallet stackable:	Yes, max. 1 on 1

Direct Packing Unit

Direct Packing Unit		Pallet type 1		Pallet type 2	
Type:	Bag	Pallet type 1:	Euro-exchange-pallet	Pallet type 1:	Euro-exchange-pallet
Material:	Paper/PE	Material:	Wood	Material:	Plastic/Wood
Color:	Colored	Size:	120 x 100 x app. 14 cm	Size:	120 x 80 x app. 14 cm
Weight:	5,00	# Layers:	15	# Layers:	10
EAN Code:	871805346019	Unit p Layer:	7	Unit p Layer:	11
Closing:	Seal	Unit p Pallet:	105	Unit p Pallet:	110
Light protected:	Yes	Pallet wrapping:	LDPE Stretch foil 23 MY	Pallet wrapping:	LDPE Stretch foil 23 MY
Closing material:	Seal	Pallet top cover:	LDPE Foil (Dustproof)	Pallet top cover:	LDPE Foil (Dustproof)
Modified Atmosphere:	Optional	Pallet bottom cover:	LDPE Foil / Paper sheet	Pallet bottom cover:	LDPE Foil / Paper sheet
		Pallet stackable:	Yes, max. 1 on 1	Pallet stackable:	No

Direct Packing Unit		Pallet type 1		Pallet type 2	
Type:	Bigbag / FIBC	Pallet type 1:	Euro-exchange-pallet	Pallet type 1:	H1-exchange-pallet
Material:	PP	Material:	Wood	Material:	Plastic
Color:	White	Size:	120 x 80 x app. 14 cm	Size:	120 x 80 x app. 14 cm
Weight:	500-1100 kg	# Layers:	1	# Layers:	1
EAN Code:	871805346020	Unit p Layer:	1	Unit p Layer:	1
Closing:	Cord	Unit p Pallet:	1	Unit p Pallet:	1
Light protected:	Yes	Pallet wrapping:	LDPE Stretch foil 23 MY	Pallet wrapping:	LDPE Stretch foil 23 MY
Closing material:	Cotton-Nylon/Seal	Pallet top cover:	LDPE Foil (Dustproof)	Pallet top cover:	LDPE Foil (Dustproof)
Modified Atmosphere:	No	Pallet bottom cover:	LDPE Foil / Paper sheet	Pallet bottom cover:	LDPE Foil / Paper sheet
		Pallet stackable:	No	Pallet stackable:	No

Different forms of packaging and / or palletizing such as bulk, boxes, octabins etc. are possible. We are gladly willing to record these in a made to measure specification.

Processing:

- Pre cleaning
- Hulling
- Fine cleaning / sieves
- Sortex A Optical Sorting
- X ray sorting - CCP
- Control sieving
- Automatic packing
- Marking / Labelling
- Control magnets
- Automatic palletizing
- Automatic foil wrapping

Depending on product quality, processteps may be different from the above mentioned procesflow.

ALBA Allergens features

	P	L	W
01.0 Gluten	-	+	+
01.1 Wheat	-	+	+
01.2 Rye	-	+	+
01.3 Barley	-	+	+
01.4 Oat	-	+	+
01.5 Spelt	-	+	+
01.6 Kamut	-	-	-
02.0 Crustaceans	-	-	-
03.0 Egg	-	-	-
04.0 Fish	-	-	-
05.0 Peanuts	-	-	-
06.0 Soy	-	-	+
07.0 Cow milk protein	-	-	-
08.0 Nuts	-	-	+
08.1 Almonds	-	-	+
08.2 Hazelnuts	-	-	+
08.3. Walnuts	-	-	+
08.4 Cashew nuts	-	-	+
08.5 Pecannuts	-	-	+
08.6 Brasilnuts	-	-	-
08.7 Pistachionuts	-	-	-
08.8 Macadamianuts	-	-	-
09.0 Celery	-	-	-
10.0 Mustard	-	-	+
11.0 Sesame seeds	-	+	+
12.0 Sulphur dioyde / sulphites	-	-	-
13.0 Lupines	-	-	+
14.0 Molluscs	-	-	-

+ = present (yes) - = absent (no)

P = in product - direct presence in ingredient / recipe

L = in product line - possible presence on production line. Possible cross contamination - traces

W = in warehouse - possible presence on site in closed packaging. Chance on cross contamination minimal

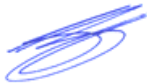
Other types of seeds and/or kernels have possible presence on production line and/or on site

Memo

-

Signature

H.Ch. Schobbers bv



S.P. Schobbers (Management)

Marking / Coding

Packing marking:	inkjet and/or label
Pallet marking:	A5 or A4 label
LOT:	batch nr / lot nr Schobbers/Supplier (reproduction mandatory)
EXP:	expiry date in (day/)month/year notation (e.g. 01/01/2020) (reproduction mandatory)
Suppliers name:	Schobbers Venlo Holland (reproduction optional)
Weight unit:	kg's indication (e.g. 25 kg of 22,68 kg)
Storage condition:	textual indication

Storage conditions and Expiry

Shelf life:	12 months in original packing, provided goods are stored under conditions described.
Shelf life at delivery:	min. 2/3 in time of total shelf life
Storage condition:	store dry, cool and dark
Storage temperature:	min. 4 °C and max. 15 °C
Storage humidity:	max. 60%
Storage others:	opening of the original packing has no effects on the shelf-life provided correct storage

Storage above the maximum temperature and/or humidity is harmful to the product. It can result in buildup of fungus, larvae and / or moths, which excludes the responsibility and liability of the supplier. Deliveries are carried out in accordance the methodology LOT IN - LOT OUT, this may result in the EXP date being non-chronologic

Transport conditions

Transport conditions:	dry and clean transport
Chilled / Non chilled:	non chilled

Material Safety Data Sheet

Risk of fire:

Risk of fire: Prevent electric discharge

Stability: Stable product by regular stocking conditions

Toxicity: Non-toxic. Could contains allergens dependable on the additives

Safety precautions: Product can be processed without safety precautions provided dust minimization

Precaution:

Eye contact: Rinsing with water

Inhalation of dust: Prevent furthermore inhalation. When serious complaints occur, contact a doctor

Skin contact: No risks. If necessary, rinse with water.

Swallowing: No risks

Legislation

This product is in compliance with the European and Dutch legislation. It is the responsibility of the customer to investigate whether or not the product complies with the regulations in the country where the product will be imported and sold.

Declaration of conformity for packaging material

All direct packaging material complies acc. Reg. EC No 1935/2004, EC No 10/2011 and EC No 2023/2006 of the European parliament and council (relating to materials and articles intended for direct food contact).

Irradiation, radiological and nanotechnology statement

The product has not been treated by irradiation and is free from radiological risks and engineered nanomaterials.

GMO statement

We certify, to be true and correct to the best of our knowledge, that the product(s) mentioned in this specification has/have NOT been genetically modified as described in (EG) Nr.: 1829/2003 and (EG) Nr.: 1830/2003. *

**GMO which cannot be detected on date of delivery and that is detected after date of delivery due to new methods of analysis is excluded from Schobbers liability*

Intended use

Application of the product other than the intended use may require additional research and / or analysis to meet the standards of the other application (e.g. feed application / e.g. oil application etc.)

Additional research and / or analysis are in that case the responsibility of the buyer.

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