

**Supplier Office / Production / Warehouse site**

Company name: H. Ch. Schobbers bv (Schobbers)  
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 Sedex company nr: ZC1007289  
 E-mail: info@schobbers.nl  
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**Schobbers quality systems**

Certified BRC: Yes  
 Certified Organic: Yes

**Product description**

Article name: Buckwheat hulled  
 Dutch name: Boekweit gepeld  
 Official name: buchwheat  
 Botanical name: fagopyrum esculentum  
 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: Cereals  
 TARIC Code / Statistical nr: 1104291790  
 Artikelnummer: 1008

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. 800 gram per liter  
 Shape: triangle / round  
 Cultivation: Conventional  
 Aromatic parts: YES natural | NO nature identical | NO synthetic  
 Odor: product specific  
 Taste: product specific / grain  
 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. % 16  
 FFA: max. % 2  
 Burnt seeds: max. % N/A  
 Un-hulled seeds: max. % 2  
 Broken seeds: max. % 4 (smaller than 0.5 kernel)  
 Un-blanchd: max. % N/A  
 Hygroscopic: Yes

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:	1476	KJ
Energy kcal:	349	Kcal
Fat (Total):	3,4	g
- part Saturated fat:	0,7	g
- part Mono unsaturated fat:	1	g
- part Poly unsaturated fat:	1	g
Carbohydrates (Total):	61,5	g
- of which sugars:	0	g
Fibers:	10	g
Protein:	13,2	g
Salt:	<0,01	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):	0,10	mg/kg
Lead (Pb):	0,20	mg/kg
Mercury (Hg):	0,20	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:	3	µg/kg
DON:	750	µg/kg
Zearalenon:	75*	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):
1008	Buckwheat hulled	Boekweit gepeld	100,00%	green / brown	China Poland
			<b>100,00%</b>		

### Packing

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:	871805346045	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		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:	20,00	# 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		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:	500-1200 kg	# Layers:	1	# Layers:	10
EAN Code:	871805346046	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
Wind cleaning / aspiration
Gravity cleaning
Control sieving
X ray sorting - CCP
Control magnets
Metal detection - CCP
Automatic packing
Marking / Labelling
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

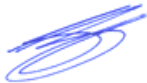
Other types of seeds and/or kernels have possible presence on production line and/or on site

**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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