

## Product specification

# Barley flakes

Art.nr: 1018 Version: 01-01-2023

### Supplier Office / Production / Warehouse site

Company name:	H. Ch. Schobbers bv (Puratos Schobbers)
City:	Venlo
Visiting address:	Vasco da Gamaweg 8
Postal code:	5928 LD
City:	Venlo
County:	The Netherlands
Phone:	+31 77 3969120
EAN company nr:	871805346
Organic/SKAL company nr:	014816
Sedex company nr:	ZC1007289
E-mail:	info@schobbers.nl
Website:	http://www.schobbers.nl

### Schobbers quality systems

Certified BRC:	Yes
Certified Organic:	Yes

### Product description

Article name:	Barley flakes
Botanical name:	hordeum vulgare
Product description:	100% agricultural product of nature
EU classification system:	Cereals
TARIC Code / Statistical nr:	11041190
Articlenumber:	1018
Function - Intended use:	topping and condiment for bakery, pastry, muesli and cereals industries
Preparation:	ready as ingredient or for direct consumption

*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. 530 gram per liter
Shape:	flat / flake
Cultivation:	Conventional
Aromatic parts:	YES natural   NO nature identical   NO synthetic
Odor:	product specific
Taste:	neutral
Structure:	firm

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

### Physical features

Purity:	>99,9%
Impurity:	<0,1%
Vermin/insects:	absent
Moisture:	<15,5%
Burnt seeds:	n.a.
Un-hulled seeds:	n.a.
Broken seeds:	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:	1384	KJ
Energy kcal:	328	Kcal
Fat (Total):	1,5	g
- part Saturated fat:	0,37	g
- part Mono unsaturated fat:	0,23	g
- part Poly unsaturated fat:	0,9	g
Carbohydrates (Total):	63,5	g
- of which sugars:	1	g
Fibers:	12	g
Protein:	9	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

Raw materials are guaranteed food grade in conformity with the applicable legislation on:

- Pesticide residue (EC regulation 396/2005 as amended)
- Mycotoxins (EC regulation 1881/2006 as amended)
- Heavy metals (EC regulation 1881/2006 as amended)
- Inherent plant toxins (EC regulation 1881/2006 as amended)

Puratos Schobbers monitors the contaminants in the raw material by using a sampling plan based upon risk analysis.

### Microbiological features

	NORM	UNIT
Aerobic Plate Count:	10.000	cfu/g
Enterobacteriaceae:	5.000	cfu/g
E.Coli:	10	cfu/g
Moulds:	5.000	cfu/g
Yeasts:	5.000	cfu/g
Salmonella:	absent in 25 g	
Bacillus cereus:	100	cfu/g
Coliforms:	1.000	cfu/g

*The product has undergone a micro-killing step. The values above maximum values based on a risk assessed monitoring plan.*

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### List of ingredients

Art.nr:	Component name:	Percentage:	Colour:	Possible origin(s):
1018	Barley flakes	100,00%	light brown	Belgium Germany
<b>100,00%</b>				

### Packing

Direct Packing Unit		Pallet type 1		Pallet type 2	
Type:	Bag	Pallet type 1:	Euro-exchange-pallet	Pallet type 2:	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:	11	# Layers:	11
EAN Code:	871805346049	Unit p Layer:	3	Unit p Layer:	3
Closing:	Yarn/Seal	Unit p Pallet:	33	Unit p Pallet:	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

### Processing:

Pre cleaning  
Fine cleaning / sieves  
Gravity cleaning  
Hulling  
Control sieving  
Steam Flaking  
Drying  
Magnet cleaning  
Metal detection - CCP  
Wind cleaning / aspiration  
Automatic packing  
Marking / Labelling  
Automatic palletizing  
Automatic foil wrapping

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

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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	-	-	-
08.5 Pecannuts	-	-	-
08.6 Brasilnuts	-	-	-
08.7 Pistachionuts	-	-	-
08.8 Macadamianuts	-	-	-
09.0 Celery	-	-	-
10.0 Mustard	-	-	-
11.0 Sesame seeds	-	+	+
12.0 Sulphur dioxide / sulphite	-	-	-
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 Schobbers warehouse - possible presence on site in closed packaging. Cross contamination excluded

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

### Memo

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### 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:	6 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 with the methodology LOT IN - LOT OUT, this may result in the EXP date being non-chronological

### Transport conditions

Transport conditions: dry and clean transport

Chilled / Non chilled: non chilled

### Material Safety Data Sheet

Risk of fire:	Prevent electric discharge
Stability:	Stable product by regular stocking conditions
Toxicity:	Non-toxic. Could contain allergens dependant on the additives
Safety precautions:	Product can be processed without safety precautions provided dust minimization
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.