

PRODUCT INFORMATION

See also www.organic.nl

Product	Sunflower oil DBW
Code	15051
Certificate	Skal
Country of origin	France, Ukraine
Last update	8-6-2016
Issue Date	8-6-2016
This product is	Organic and not genetically modified or irradiated

Production	
Ingredients	Sunflower oil
Additives	No additives
Process	<p>Crushing seeds, Extraction of oil, crude sunflower oil, 1e filtration, 2e filtration, organic virgin sunflower oil, packing</p> <ul style="list-style-type: none"> - Extraction of oil from the seeds - Filtering the oil on a cotton- and paper-filter - Bleaching the oil (method: filtering the oil by a filter of nonactive clay and norit) - Deodorization in a vacuum kettle at a temperature of $\pm 250^{\circ}\text{C}$. All the bad odours and flavours disappear during this process - Winterisation: mix the oil with filter aid, cooling the oil till 10°C and then filter the oil to remove the waxes

Sensorial properties	
Smell	Product specific, without off smell
Colour	Golden yellow
Taste	Product specific, without off taste
Appearance	Clear liquid

Packing			
Net content	180 kg		
Kind of packing	Drum		
Packing size (LxWxH)	59 x 59 x 88		
Packing/layer	4	Layers/pallet	1

Shelflife	
Storage conditions	Cool (<20°C), dry and dark
Maximum shelflife	Max. 12 Months after production

Nutritional values (per 100 gram)		(from supplier)
Energy	3700 KJ 900 Kcal	
Protein (g)	0	
Fat (g)	100	Saturated: 11 Mono-unsaturated: 23 Poly-unsaturated: 66 Trans Fatty acid < 2
Carbohydrates (g)	0	Mono-saccharides: - % di-saccharides: - % Poly-saccharides: - %
Dietary fibre (g)	0	
Moisture (g)	< 0,1	
Vitamins (mg)	Vitamin A: IU/ RE Vitamin B1: Vitamin B2:	Niacin: Vitamin B6: Vitamin C:

Analytical properties																									
Peroxide value	< 3,0 meq O ₂ /kg																								
FFA	< 0,25%																								
Flaming point	350°C																								
Smoke point	255°C																								
Specific Gravity	0,90																								
Fat analysis	<table> <tr> <td>C14:0</td> <td>< 0.2 %</td> <td>C18:1</td> <td>14.0-39.4 %</td> </tr> <tr> <td>C16:0</td> <td>5 – 7.6 %</td> <td>C18:2</td> <td>48.3-74.0 %</td> </tr> <tr> <td>C16:1</td> <td>< 0.3 %</td> <td>C18:3</td> <td>< 0.3 %</td> </tr> <tr> <td>C17:0</td> <td>< 0.2 %</td> <td>C20:0</td> <td>0.1- 0.5 %</td> </tr> <tr> <td>C17:1</td> <td>< 0.1 %</td> <td>C20:1</td> <td>< 0.3 %</td> </tr> <tr> <td>C18:0</td> <td>2.7-6.5 %</td> <td>C22:0</td> <td>0.3- 1.5 %</td> </tr> </table>	C14:0	< 0.2 %	C18:1	14.0-39.4 %	C16:0	5 – 7.6 %	C18:2	48.3-74.0 %	C16:1	< 0.3 %	C18:3	< 0.3 %	C17:0	< 0.2 %	C20:0	0.1- 0.5 %	C17:1	< 0.1 %	C20:1	< 0.3 %	C18:0	2.7-6.5 %	C22:0	0.3- 1.5 %
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Dioxins	Max 0.75 pg/g fat																								

Microbiological Properties	
Total Plate Count (cfu/g)	< 10.000
Yeast (cfu/g)	< 100
Moulds (cfu/g)	< 100
Enterobacteriaceae (cfu/g)	Absent
E. Coli (cfu/g)	Absent
Salmonella (cfu/25g)	Absent

Allergy list (+ = present, - = absent and ? = unknown * possible cross contamination)			
Cow's milk protein	-	Peanuts/groundnuts (-derivatives)	-
Lactose or milk sugar	-	Peanutoil	-
(Chicken) egg	-	Sesame	-
Soya protein (-derivatives)	-	Sesame-oil	-
Soya oil	-	Glutamate (added E620-E625)	-
Gluten	-	Sulfite (E220-E228)	-
Wheat	-	Benzoic acid/Parabens (E210-E213)	-
Rye	-	Azo-colours E102, E110, E122, E123, E124, E128, E129, E151, E154, E155	-
Beef (-derivatives)	-	Tartrazine (E102)	-
Pork (-derivatives)	-	Cinnamon	-
Chicken (-derivatives)	-	Vanillin	-
Fish	-	Coriander	-
Shell-fish	-	Celery	-
Corn /Maize (-derivatives)	-	Umbelliferae	-
Cocoa	-	Carrot	-
Yeast	-	Lupine	-
Pulses	-	Mustard	-
Nuts (-derivates)	-	Mollusc (-derivates)	-
Nut-oil	-		

Acceptable for:	
Vegetarians	Yes
Vegans	Yes
Lacto-vegetarians	Yes
Kosher-certified	No
Halal-certified	No
NOP-certified	No
Ecosocial	No