

PRODUCT INFORMATION

See also www.organic.nl

Product	Sunflower oil DBW
Code	15020, 15021, 15051
Certificate	Ecocert/ Skal
Country of origin	France
Last update	23-2-2016
Date of issue	23-2-2016
This product is	Organic and not genetically modified or irradiated

Production	
Ingredients	Organic crude sunflower oil
Additives	No additives
Process	<ul style="list-style-type: none"> - Extraction of oil from the seeds - Filtering the oil on a cotton- and paper-filter - Deodorisation in a vacuum kettle at a temperature of $\pm 250^{\circ}\text{C}$. All the bad odours and flavours disappear during this process with steam. - Bleaching the oil (method: filtering the oil by a filter of non-active clay and norit) - 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	Neutral
Colour	Light Yellow/Yellow
Taste	Neutral, not rancid
Appearance	Clear liquid

Packing	15021	15051	15020
Net content	25 litre	190 kg	920 kg
Kind of packing	Jerrycan	Drum	Cubi
Packing size (L x W x H)	29 x 24 x 43	59 x 59 x 88	120 x 100 x 116
Packing/layer	16	4	1
Layers/pallet	2	1	1

Shelflife	
Storage conditions	Cool (<20°C), dry and dark
Maximum shelflife	Jerrycans: Max. 12 Months after production Drum and Cubi : Max. 18 Months after production

Nutritional values (per 100 gram)		(from supplier)
Energy	3700 kJ 900 kCal	
Protein (g)	0	
Fat (g)	100	Saturated: 8-15 % Mono-unsaturated: 14-40 % Poly-unsaturated: 49-74 %
Carbohydrates (g)	0	Mono-saccharides: - % di-saccharides: - % Poly-saccharides: - %
Moisture (g)	< 0,1	

Analytical properties		
Peroxide value	< 3,0 meq O₂/kg	
FFA	< 0,25%	
Flaming point	350°C	
Smoke point	255°C	
Density	0,92 kg/l	
Fat analysis	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 %
Dioxins	Max 0.75 pg/g fat	

Microbiological Properties	
Total Plate Count (cfu/g)	< 10.000

Yeast & Moulds	< 100
Campylobacter(cfu/g)	Absent
E. Coli(cfu/g)	Absent
Listeria monocytogenes(cfu/g)	Absent
Salmonellae(cfu/ 25 g)	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
Ecososial certified	No