



DO-IT BV
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Org.Cert : Skal 001285

Fight pollution with organic agriculture
Fight poverty with fair trade

PRODUCT INFORMATION

See also [Http://www.organic.nl](http://www.organic.nl)

Product	Orange oil
Commercial name	E.O. Organic orange
Botanical name:	(INCI) Citrus Sinesis
Code	26140
Certificate	IT BAC
Country of origin	Italy
Last update	24 January 2008
Issue Date	25 January 2008
This product is	Organic and not genetically modified

Production	
Ingredients	Orange oil
Additives	No additives
Process	The essential oil is obtained by mechanic pressure of the orange peel and is carried with water to the separators, where the emulsion oil/water is separated, and a limpid and anhydrous product is obtained. It is then de-waxed, filtrated, and stored in drums in the apposite cell at max +10°

Physical properties	
Smell	Typical of fresh orange
Colour	From intense orange to orange-green
Appearance	Liquid which may get cloudy after decreasing of temperature

Packing	
Net content	5 kg
Kind of packing	Drums
Packing size (L x W x H)	
Packing/layer	Layers/pallet

Shelflife	
Storage conditions	Fresh store in closed drums away from light (5-10 °C)
Maximum shelflife	12 months after production



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Analytical properties	
pH	5,5 - 6,5
Relative density at 20°C	0,844-0.847
Refraction index	1,473 – 1,475
Rotatory power at 20°C	+97° - +99°
CD (American method)	0,69 – 0,96
CD 9250 mg/100 ml of ethanol at 95 5 v/v	0.11-0.28

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

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

Use	Herbalistic, cosmetic, pharmaceutical
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Safety		
First Aid Measures	General	Remove contaminated clothes
	Inhalation	Remove from exposure site to fresh air and keep at rest. Obtain medical advice
	Eye exposure	Flush immediately with water for at least 15 minutes
	Skin exposure	Wash thoroughly with water and soap
	Ingestion	Rinse mouth with water and obtain medical advice
Personal protection	General	Do not drink, eat or smoke while handling, respect good personal hygiene
	Respiratory protection	Avoid excessive inhalation of concentrated vapours
	Eye protection	Use of glasses is recommended
	Skin protection	Avoid skin contact, chemically resistant gloves are needed
Fire-fighting measures	Extinguishing media	Carbon dioxide, dry chemical, foam. Do not use direct water jet or burning material
	Flash point	From 47°C to 58°C
	Explosive properties	237°C
Toxicological information	Based on available toxicological data this substance is not classified as dangerous according to the criteria of the EEC-directive 79/831/EEC. However if the product is swallowed in 5 gram/kg of body weight, it is considered a lethal dose.	