

## PRODUCT INFORMATION

See also <http://www.organic.nl>

<b>Product</b>	<b>Palm Oil - IP&amp;SG (RSPO)</b>
<b>Code</b>	<b>15210</b>
<b>Certificate</b>	<b>Skal</b>
<b>Country of origin</b>	<b>Colombia/Brazil, processing in The Netherlands</b>
<b>Last update</b>	<b>11-5-2015</b>
<b>Issue Date</b>	<b>11-5-2015</b>
<b>This product is</b>	<b>Organic and not genetically modified</b>

<b>Production</b>	
<b>Ingredients</b>	<b>100% Palm oil</b>
<b>Additives</b>	<b>Max 50 mg Citric acid/kg as a processing aid</b>
<b>Process</b>	<b>Crude oil is stored, then bleached at a vacuum of 90-100 °C with the help of Activated fullers earth to remove pigments and trace metals, then filtrated through a 5 micron filter, deodorised at a vacuum of 190-270 °C with added steam, to remove odours, flavours, free fatty acids and some pigments, after this the product is again filtrated through a 5 micron filter and passed through a 50 micron scraped surface heat exchangers causing crystallisation, so that the product can be packed, after this the product is put through a metal detector and stored.</b>

<b>Sensorial properties</b>	
<b>Smell</b>	<b>Productspecific, free from rancid and foreign smell</b>
<b>Colour</b>	<b>White, Lovibond colour (5¼" cell) 3,5 red max</b>
<b>Taste</b>	<b>Productspecific, free from rancid and foreign taste</b>
<b>Appearance</b>	<b>Clear and bright when melted</b>

<b>Packing</b>	
<b>Net content</b>	<b>10 kg per box</b>
<b>Kind of packing</b>	<b>Cardboard outer cartons with blue food grade polythene liner(HDPE)</b>
<b>Packing size (L x W x H)</b>	<b>380*248*145 mm</b>

<b>Packing/layer</b>	<b>9</b>	<b>Layers/pallet</b>	<b>7</b>
<b>Shelflife</b>			
<b>Storage conditions</b>	<b>Cool (&lt;20°C), dry and away from strong odour &amp; direct sunlight</b>		
<b>Maximum shelflife</b>	<b>Max. 12 months after production</b>		

<b>Nutritional values (per 100 grams)</b>			
<b>Energy</b>	<b>3700 kJ 900 kCal</b>		
<b>Protein(g)</b>	<b>0</b>		
<b>Fat (g)</b>	<b>100</b>	<b>Saturated: 49.3 Mono-unsaturated: 42 Poly-unsaturated: 9 Cholesterol &lt; 25 mg/kg</b>	
<b>Carbohydrates (g)</b>	<b>0</b>		
<b>Moisture</b>	<b>Max. 0.1%</b>		
<b>Mineral (mg) from USDA nutrition data lab</b>	<b>Calcium (Ca): Iron (Fe): Potassium(K):</b>	<b>Sodium (Na): 0 Phosphor (P): Magnesium (Mg):</b>	
<b>Dietary fiber(g)</b>	<b>0</b>		

<b>Chemical properties</b>	
<b>Peroxide value</b>	<b>&lt;1,0 meq/kg</b>
<b>FFA</b>	<b>&lt;0,1% as oleic</b>
<b>Slip melting point</b>	<b>36-38°C</b>
<b>Smoke point</b>	<b>230°C min (fresh oil)</b>
<b>Flash point</b>	<b>325°C min (fresh oil)</b>
<b>Fatty Acid composition (%) (typical values)</b>	<b>C12:0 ND – 0.5 C14:0 0.5 – 2.0 C16:0 39.3 – 47.5 C18:0 3.5 – 6.0 C18:1 36.0 – 44.0 C18:2 8.0 – 10.0 C18:3 ND – 0.5 C20:0 ND – 1.0 C22:0 ND – 0.2</b>

<b>Trans-fatty acids</b>	<b>&lt; 1%</b>
<b>Solid fat content (pNMR) (%) (typical values)</b>	<b>N10: 42-50 N20: 16-24 N30: 2-10 N35: &lt;9</b>
<b>Iodine Value (calculated GLC)</b>	<b>50-55</b>
<b>Benzo-(a)-pyrene</b>	<b>&lt; 2,0 µg/kg</b>
<b>PAH's Total</b>	<b>Max 25 ppb</b>
<b>PAH's Heavy</b>	<b>Max 5 ppb</b>
<b>PCB's</b>	<b>Max 10 ppb</b>
<b>Dioxine</b>	<b>Max 0,75 pg</b>

<b>Microbiological Properties</b>	
<b>Total Plate Count (cfu/g)</b>	<b>&lt;1.000</b>
<b>Yeast &amp; moulds (cfu/g)</b>	<b>&lt;10</b>
<b>Enterobacteriaceae (cfu/g)</b>	<b>&lt;10</b>
<b>E. Coli (cfu/g)</b>	<b>Absent</b>
<b>Salmonellae</b>	<b>Absent in 25 grams</b>

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

Nut-oil	-	
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Acceptable for:	
Vegetarians	Yes
Vegans	Yes
Lacto-vegetarians	Yes
Kosher-certified	No (can be produced on special order)
Halal-certified	No
NOP-certified	Yes
Ecosocial certified	No
RSPO certified	Yes