



La Despensa del Jabón

Materias primas para jabón y cosmética artesanal

FICHA TECNICA

Product	ECOLOGICAL PALM OIL
Code	15210
Certificate	Skal
Country of origin	Colombia

This product is	Organic and not genetically modified
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Production	
Ingredients	100% Ecological Palm oil
Additives	Max 50 mg Citric acid/kg as a processing aid
Process	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.

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

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



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

Nutritional values (per 100 grams)	
Energy	3700 kJ 900 kCal
Protein(g)	0
Fat (g)	100 Saturated: 47 % Mono-unsaturated: 43,5 % Poly-unsaturated: 9,5% Cholesterol < 50 mg/kg
Carbohydrates (g)	0
Moisture	Max. 0.1%
Mineral (mg) from USDA nutrition data lab	Calcium (Ca): Iron (Fe): Potassium(K): Sodium (Na): 0 Phosphor (P): Magnesium (Mg):

Chemical properties	
Peroxide value	<1,0 meq/kg
FFA	<0,1% as oleic
Slip melting point	36-38°C
Smoke point	230°C min (fresh oil)
Flash point	325°C min (fresh oil)
Fatty Acid composition	C12:0 0,2 C14:0 1,0 C16:0 42,5 C18:0 4,6 C18:1 40,0 C18:2 10,9 C18:3 0,2 C20:0 0,4 C22:0 0,2
Trans-fatty acids	< 1%



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Solid fat content (pNMR)	N10: 42-50 N20: 16-24 N30: 2-10 N35: <9
Iodine Value	50-55
Benzo-(a)-pyrene	< 2,0 µg/kg
PAH's Total	Max 25 ppb
PAH's Heavy	Max 5 ppb
PCB's	Max 10 ppb
Dioxine	Max 0,75 pg

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

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	-		



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Acceptable for:	
Vegetarians	Yes
Vegans	Yes
Lacto-vegetarians	Yes
NOP-certified	Yes

