

TECHNICAL DATA SHEET

Effective date: 11.2024

COCONUT OIL RBD

INFORMATION ON SUBSTANCE / MIXTURE

INCI	Cocos Nucifera Oil
Manufacturing process	Extracted from copra - the dried coconut kernel, undergoes a process of refining, bleaching, and deodorizing using steam.
Raw material category	Ingredient for cosmetic formulations, personal care

TECHNICAL DATA

Physical parameters

Appearance	Semi solid at room temperature
Color	Clear to off-white
Odor	Neutral

Chemical parameters

	min.	max.
Refractive index at 40°C	1.448	1.451
Acid value		0.4
Iodine value	7	12
Unsaponifiable matter (%)		1%
Melting point (°C)	20°C	28°C

Fatty acid composition

Caproic acid	(C 6:0)		1.5	%
Caprylic acid	(C 8:0)	5	11	%
Capric acid	(C 10:0)	4	9	%
Lauric acid	(C 12:0)	40	56	%
Myristic acid	(C 14:0)	15	23	%
Palmitic acid	(C 16:0)	7	12	%
Stearic acid	(C 18:0)	1.5	5	%
Oleic acid	(C 18:1)	4	10	%
Linoleic acid	(C 18:2)	1	3	%
Solid fat content (sfc) 20°C		34	45	%

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Solid fat content (sfc) 30°C		3	%
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Nutritional valuea (state 05/2014) per g in:

	100 g	100 ml
Energy value:	3700 kJ/900 kcal	3700 kJ/900 kcal
Fat	100	91.9
- of which saturated fatty acids	91.6	84.2
- monounsaturated fatty acids	7.1	6.5
- polyunsaturated fatty acids	1.7	1.5
Carbohydrates	0	0
- of which sugars	0	0
Protein(N x 6,25)	0	0
Salt	0	0

Information regarding Allergen as per VO (EU) 1169/2011 and ALBA/LeDa-List (state 10/2012)

	Allergen	Contained in the product as per recipe	Crosscontamination can be excluded
1	Milk and milk products (including lactose)	no	yes
2	Eggs and egg products	no	Yes
3	Soy and soy products	no	Yes
4	Cereals containing gluten (i.e. wheat, rye, barley, oat, spelt, kamut or hybridstems thereof as well as products produced thereof)	no	Yes
5	Beef	no	Yes
6	Pork	no	Yes
7	Chicken	no	Yes
8	Fish and -products	no	Yes
9	Crustaceans/ molluscs and -products	no	Yes
10	Sweet corn and -products	no	Yes
11	Cocoa and -products	no	Yes
12	Legumes and -products	no	Yes
13	Nuts and –products	no	Yes

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14	Peanuts and -products	no	Yes
15	Sesame and -products	no	yes
16	Glutamate (E 620 up to E 625)	no	yes
17	Sulphur dioxide and sulphite in a concentration of more than 10 mg/kg or 10 mg/l please state as SO ₂	no	yes
18	Lupine and products thereof	no	yes
19	Mustard and products thereof	no	yes
20	Coriander	no	yes
21	Celery	no	yes
22	Carrot	no	yes

Biological parameters

Total aerobic microbial count	< 1000 cfu/ g
Total yeast and mould count	< 100 cfu/g
Pathogens (Escherichia coli, Candida albicans, Pseudomonas aeruginosa, Staphylococcus aureus)	Absent/1g

TRANSPORT, STORAGE and SHELF LIFE

Storage conditions	Store in closed container, in a cool and dry place, protected from direct sunlight.
Shelf Life	Min 36 months at the recommended storage conditions.

LEGISLATION, STATEMENTS

Regulatory Status	Product complies with Regulation (EU) No. 1223/2009 in all the defined requirements.
BSE/TSE	Produced in the absence of any animal derived material of any type. No contamination with BSE/ TSE Bovine Spongiform Encephalopathy risk materials is to be expected.
GMO status	Product does not come from plants being or having been submitted to a program of genetic modification.
Nanomaterial statement	Not expected to contain any nanomaterial meaning an insoluble or biopersistent and intentionally manufactured material with one or more external dimensions, or an internal structure, on the scale from 1 to 100 nm, as defined in Regulation (EC) No 1223/2009 on cosmetic products and the Commission Recommendation 2011/696/EU.

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Microplastics	The product does not contain any Microplastic according to Annex XVII to REGULATION (EC) No 1907/2006 Of The European Parliament And Of The Council and its amendments.
Irradiation	This product has not been subjected to irradiation.
Gluten- Status	Not expected to contain gluten. The product can be considered as gluten-free as it does not contain ingredients derived from grain (e.g. wheat, rye or barley) or does not contain detectable levels of gluten.
Other Free from status	Volatile Organic Compound (VOC) as described in Directive 2004/42/CE, Dioxin, Formaldehyde, Phthalates, Ethanol
Animal testing	This product has not been the subject of animal testing for cosmetic purposes according to EC Regulation 1223/2009
Information for Vegan Assessment	Vegan and Vegetarian suitable. Manufacture does not involve the use of any animal product, by-product or ingredient. This product meets Vegan requirements, but it is not certified.
CMR-Status	This product is free from substances classified as carcinogenic, mutagenic or toxic for reproduction (CMR) of category 1A, 1B or 2 under Part 3 of Annex VI to Regulation (EC) No 1272/2008 and its subsequent amendments.
Allergens	This product does not contain any of the allergenic substances or compounds listed in Regulation (EC) No. 1223/2009 Annex III amended by EU Regulation 1545/2023
CAS No.	8001-31-8

DISCLAIMER

All warranty claims in respect to the conformity of our product are subject to our General Terms and Conditions of Sale and Delivery. The data listed above reflects the results of the manufacturer respectively our supplier quality tests. We do not hereby make any express or implied warranty, whether for specific properties or for fitness for any particular application or purpose. All values are valid for the product when dispatched from the warehouse. We recommend you perform your own quality and or identification checks on receipt.