



Research & Trading

COCO NUT OIL

Refined

Artn° 500603

PRODUCT DATA SHEET

Chemical description:	Natural mixture of triglycerides
INCI:	Cocos Nucifera oil 100%
CTFA:	Cocos Nucifera (Coconut) oil 100%
JP	ヤシ油
CN	椰子(COCOS NUCIFERA) 油

Origin:	Vegetable
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Production Process:	Pressing the copra of the coco nuts, deacidification, bleaching and deodorizing
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Properties:	-Greasy emollient -Long lasting skin feel
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Claims (Tested)	
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Application:	-Creams and lotions -Handcreams -Foot care -Cosmetic for dry skin -Bath oils -Sun care
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Dosage:	1 – 100% to the oil phase
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Sales Specifications:

Appearance @ 20°C	Solid
Colour	White Yellow
Odour	Faint
Taste	Neutral
Melting point	20 – 28°C
RI @ 40°C	1.448 – 1.450
Acid value	< 0.4
Iodine value	7 - 12
Saponification value	250 - 264
Unsaponifiable matter	< 0.8 %

Fatty acid distribution (dl = 0.05%)					
C6:0	< 1.2	C16:1	<0.05	C20:0	<0.05
C8:0	3.4 – 15.0	C17:0	<0.05	C20:1	<0.05
C10:0	3.2 – 15.0	C18:0	1.0 – 4.7	C20:2	<0.05
C12:0	41.0 – 56.0	C18:1	3.4 – 12.0	C20:4	<0.05
C14:0	13.0 – 23.0	C18:2	0.9 – 3.7	C22:0	<0.05
C15:0	<0.05	C18:3	<0.05	C24:0	<0.05
C16:0	4.2 – 12.0	C18:4	<0.05	>C24:0	<0.05

Typical Microbiology

TVC	< 100CFU/g
Yeast&Moulds	< 10CFU/g
Escherichia coli	Abscent
Staphylococcus aureus	Abscent
Pseudomonas aeruginosa	Abscent
Salmonella	Abscent

Impurities

Sum of heavy metals	< 10mg/kg
As	< 1mg/kg
Organochloropesticides	< 0.01mg/kg (Detection Limit)
Organophosphoruspesticides	< 0.05mg/jg (Detection Limit)

Additives:

Preservative	None
Antioxidant	None
Others	Nitrogen protected

Solubility

Water	Non Soluble
Glycerine	Non Soluble
Propylene glycol	Non Soluble
Ethanol	Dispersible
Mineral oil	Soluble
Soya oil	Soluble
Octylstearate	Soluble
Cyclomethicone	Soluble
Dimethicone	Non Soluble

Stability

Maximum Heating Temperature	< 80°C for 9h
pH range	3.0 – 12.0
Substances to avoid	

Logistic

Storage	Condition	Dry place
	T_{max}	< 40°C
	T_{min}	No problem
	Remark	
Shelf life	2 year for unopened drum	
Packaging	25kg JC 190kg Drum	
Pallet	400kg-EURO JC 380kg-EURO Drum	

Residual solvent

No CMR solvents have been used during production.

This raw material is in compliance with guideline CPMP/ICH/283/95 concerning the residual solvent edited by EMEA and inserted in the European Pharmacopoeia

Registrations:

Product	Casn°	EINECSn°
Cocos Nucifera Oil	8001-31-8	232-282-8

Country of Origin: India

CBSn°: 1515.9031

Statements:

TSE/BSE: *This raw material is of vegetable origin. During production, storage and transport there is no contact with any bovine or other animal material and a cross contamination is excluded. Therefore the requirements of Comm. Dir. 1999/82/EEC, CPMP/BWP/1230/98, Ph.EUR. Suppl. 2000:5.2.8 are not applicable.*

GMO: *This raw material does not contain ingredients derived from GMO sources. However relevant thresholds for adventitious or technically unavoidable cross-contamination as laid down in 1829/2003/EC are accepted.*

Animal testing: *This raw material has not been tested on animals for cosmetic purposes after the date 30/03/2000. The raw material is in compliance with the 7° amendment. To the Cosmetic Directive 76/768/EC.*

Allergens: *The substances suspected to be allergenic and listed in Annex III, Part I from the 7° amendment to the Cosmetics Directive 76/768/EC are below detection limit.*



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