

COCONUT OIL

PRODUCT DATA SHEET



COCONUT OIL, 100% natural, is a refined vegetable oil extracted from the dried coconut flesh of *Cocos Nucifera* (Coconut).

COCONUT OIL is one of the vegetable oils that accumulate high levels of saturated fatty acids in the triacylglycerol fraction. **COCONUT OIL** contains approximately 50% of Lauric acid (saturated C12 chain).

COCONUT OIL provides emollient properties and is great for moisturizing, that make it useful to be used in all cosmetic formulations. **COCONUT OIL** is specially indicated for lipstick, make up and soap makers.

The saturated nature of **COCONUT OIL** provides resistance to rancidity and makes a very hard soap while at the same time producing a fluffy lather. Many cultures use coconut oil straight on their hair and skin for conditioning.

TECHNICAL DATA

Colour:	Not darker than Gardner 3
Appearance:	Solid at room temperature (20°C).
Melting Point:	22 - 27°C
Acid index:	≤ 0.4 mg KOH/g
Saponification value:	248 - 265

Fatty Acid	Composition
Caprylic acid (C8)	4 - 10 %
Capric acid (C10)	3 - 8 %
Lauric acid (C12)	44 - 52 %
Myristic acid (C14)	16 - 21 %
Palmitic acid (C16)	7 - 12 %

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APPLICATION



In Ayurvedic medicine, **COCONUT OIL** is said to nourish the body and increase strength while application of **COCONUT OIL** to the skin is said to help fixation of Vitamin D in the body.

COCONUT OIL usually is applied in soap manufacture, make up and lipstick products. It may also be easily incorporated as an active ingredient or an ideal carrier in skin and hair care products. Recommended dosage is between 3 to 10 %.

COCONUT OIL has soothing properties which may also be helpful for relief of eczema, psoriasis and sun burn.

INCI Name: Cocos Nucifera (Coconut) Oil

COCONUT OIL REFINED**CODE** 008201 **SPECIFICATION** **Nº** 00820114

PARAMETERS	SPECIFICATIONS	EDITION - 05/12/2012
Acid value	max. 0.4 mg KOH/g	
Gardner	max. 3	
CHROMATOGRAPHY	FATTY ACID FRACTION	
Caprylic Acid (C8:0)	4.0 - 10.0 %	
Capric Acid (C10:0)	3.0 - 8.0 %	
Lauric Acid (C12:0)	44.0 - 52.0 %	
Myristic Acid (C14:0)	16.0 - 21.0 %	
Palmitic Acid (C16:0)	7.0 - 12.0 %	
Stearic Acid (C18:0)	2.0 - 5.0 %	
Oleic Acid (C18:1)	5.0 - 10.0 %	
Linoleic Acid (C18:2)	max. 3%	

PACKING**REMARKS**

Keep full and well closed in a dry place and away from light.