



## TECHNICAL DATA SHEET

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## COCONUT OIL REFINED

Version: 1.1

### SECTION 1: Identification of the substance/mixture and of the company/undertaking

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**Name** : COCONUT OIL REFINED  
**Product code** : COCHV01

### SECTION 2: PRODUCTION PROCESS

**Manufacture** : Fatty oil obtained from the dried endosperm of Cocos nucifera by pressure and refining

### SECTION 3: REGULATORY SITUATION

**Botanical name** : Cocos nucifera L.  
**INCI Name** : COCOS NUCIFERA OIL  
**CAS-No.** : 8001-31-8  
**EC-No.** : 232-282-8

### SECTION 4: Physical and chemical properties

**Physical state** : Solid.  
**Appearance** : Solid at room temperature (~ 20 ° C), slightly turbid liquid at temperatures > 30 ° C.  
**Colour** : white. Yellow.  
**Odour** : characteristic.

**Flash point** : > 320 °C  
**Melting point** : 23 – 26 °C  
**Boiling point** : 0 (65 – 70) °C  
**Relative density** : 0.908 – 0.921  
**Refractive index** : 1.44 – 1.46  
**Optical rotation** :

**Solubility** : Insoluble in water. Soluble in. Ethers. Solubility in ethanol. Soluble in oil.

Acid value (mg KOH / g): max 0.5  
Peroxide value (mEq O<sub>2</sub> / kg): Max 10.0  
Iodine value(g I<sub>2</sub> / 100g): 6-11  
Saponification value: 250 - 264

**Composition** :

C6:0 Caproic acid	max 1,5 %
C8:0 Caprylic acid	5,0 – 11,0 %
C10:0 Capric acid	4,0 – 9,0 %
C12:0 Lauric acid	40,0 – 50,0 %
C14:0 Myristic acid :	15,0 – 20,0 %
C16:0 Palmitic acid :	7,0 – 12,0 %
C18:0 Stearic acid :	1,5 – 5,0 %
C18:1 Oleic acid :	4,0 – 10,0 %
C18:2 Linoleic acid :	1,0 – 3,0 %
C18:3 Linolenic acid :	max 0,2 %
C20:0 Arachidic acid:	max 0,5 %
C20:1 Eicosenoic acid :	max 0.2 %

### SECTION 5: Handling and storage

**Precautions for safe handling** : Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Provide good ventilation in process area to prevent formation of vapour.  
**Storage conditions** : Keep only in the original container in a cool, well ventilated place away from : Heat sources, Direct sunlight. Keep container closed when not in use.  
**Incompatible products** : Strong bases. Strong acids.  
**Incompatible materials** : Sources of ignition. Direct sunlight.  
**Maximum storage period** : 18 months

Exaflor Technical Data Sheet

*This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.*