

Refined Coconut Oil Product Datasheet

Item number: 20-032

Page 1/6

Version date: August 22nd, 2013

General Information

Product description	Refined Coconut Oil
Ingredient declarations	Coconut oil
Additives	-
The raw material originates from	Mainly Indonesia / The Philippines
GMO status	There is no need to label as GMO according to the regulations EC 1829/2003 & 1830/2003 and amendments
Allergen status	There is no need to label, with regards to food allergens according to Annex III a of directive 2000/13/EC and amendments
Irradiation status	Not irradiated. Not treated with ionizing radiation.
CAS number	8001-31-8
EINECS number	232-282-8
Process description	Crude coconut oil is refined, bleached and deodorized
Advised storage conditions	Unloading in empty clean stainless steel tanks. Storage temperature 10-15 °C above melting temperature and preferably under nitrogen atmosphere.
Advised storage / shelf life	14 days, when taken into account the advised storage conditions

Quality Values

Free Fatty Acid Content, as lauric acid	max. 0.08 %	ISO 660
Colour Red (5 ¼ " Lovibond)	max. 1.5	ISO 15305
Peroxide Value	max. 0.5 meqO ₂ / kg fat	ISO 3960
Moisture Content	max. 0.05 %	ISO 662
Iodine Value	max. 11 gl ₂ / 100 g	ISO 3961
Taste / Odour	neutral / bland	

Refined Coconut Oil Product Datasheet

Item number: 20-032

Page 2/6

Version date: August 22nd, 2013

Solid Fat Content

at 20 °C	34 – 45 %	Pulse NMR, IUPAC 2.150 a
at 30 °C	max. 3 %	Pulse NMR, IUPAC 2.150 a

Fatty Acid Composition (typical)

Saturated Fatty Acids	~ 91 %	ISO 5508
Mono-unsaturated Fatty Acids	~ 7 %	ISO 5508
Poly-unsaturated Fatty Acids	~ 2 %	ISO 5508
Trans Fatty Acids	max. 1 %	ISO 5508

Typical Nutritional Information

Energy	3700 KJ or 900 kCal
Proteins	0 g
Carbohydrates	0 g
Fiber or Dietary Fiber	0 g
Salt content	0 g
Sodium	0 g
Ash	0 g
Fat	100 g
Moisture	< 0.05 g

Fatty Acid Composition (average)

C8:0	6 %
C10:0	6 %
C12:0	47 %
C14:0	19 %
C16:0	10 %
C18:0	3 %
C18:1	7 % (Total)
C18:2	2 % (Total)

Refined Coconut Oil Product Datasheet

Item number: 20-032

Page 3/6

Version date: August 22nd, 2013

Additional information

Relative Density (40 °C)	0.91 kg / m ³
Refractive Index (40 °C)	1.449
Smoke point	> 190 °C
Flash point	> 300 °C
Fire point	350 °C
Soap remains	< 10 mg / kg
Free from Alcohol	yes
Source of Phenylalanine	no

Contaminants and Maximum Residue Levels

Parameter	Typical	Legal Limits*
Mycotoxin		
Aflatoxin B1		max. 2 ug / kg
Aflatoxin B1 + B2 + G1 + G2		max. 4 ug / kg
Metals		
Iron (Fe)	max. 500 ug / kg	
Copper (Cu)	max. 50 ug / kg	
Arsenic (As)	max. 100 ug / kg	
Lead (Pb)		max. 100 ug / kg
Nickel (Ni)	max. 200 ug / kg	
Sum of dioxins (WHO-PCDD/F-TEQ)		max. 0.75 pg / g
Sum of dioxins and dioxins like PCB's (WHO-PCDD/F-TEQ) (food)		max. 1.25 pg / g
Sum of dioxins and dioxins like PCB's (WHO-PCDD/F-TEQ) (feed)		max. 1.5 pg / g

Refined Coconut Oil Product Datasheet

Item number: 20-032

Page 4/6

Version date: August 22nd, 2013

Parameter	Typical	Legal Limits*
Non-dioxin-like PCB's (sum of congeners 28, 52, 101, 138, 153 and 180)		max. 40 ng/g
Poly Cyclic Aromatic Hydrocarbons		
Benzo(a)pyrene		max. 2 ug / kg
Sum of Benzo(a)pyrene, Benz(a)anthracene, Benzo(b)fluorathene and Chrysene		max. 10 ug / kg
Bacteriological		
Total plate count	max. 1000 / g	
Salmonella	Absent / 25 g	
Yeast	max. 10 / g	
Moulds	max. 10 / g	
Enterobacteraceae	max. 10 / g	
E.Coli	max. 10 / g	

* As defined in the EC regulation 1881 / 2006 plus its amendments. Compliance with the legal limits is verified through through product and site specific monitoring programs.

Allergens according to the ALBA list (version 2.0 – 2011)

Gluten	absent
- Wheat	absent
- Rye	absent
- Barley	absent
- Oats	absent
- Spelt	absent
- Kamut	absent
Crustaceans	absent



Refined Coconut Oil Product Datasheet

Item number: 20-032

Page 5/6

Version date: August 22nd, 2013

Eggs	absent
Fish	absent
Peanuts	absent
Soy	absent
Milk	absent
Nuts	absent
- Almonds	absent
- Hazelnuts	absent
- Walnuts	absent
- Cashews	absent
- Pecan nuts	absent
- Brasil nuts	absent
- Pistachio nuts	absent
- Macadamia / Queensland nuts	absent
Celery	absent
Mustard	absent
Sesame	absent
Sulphur dioxide and sulphites (E220-E228) at concentrations of more than 10 mg / kg or 10 mg / l, expressed as SO ₂	absent
Lupin	absent
Molluscs	absent
Lactose	absent
Cocoa	absent
Glutamate (E620-E625)	absent
Chicken meat	absent



Refined Coconut Oil Product Datasheet

Item number: 20-032

Page 6/6

Version date: August 22nd, 2013

Coriander	absent
Corn / maize	absent
Legumes	absent
Beef	absent
Pork	absent
Carrots	absent

The information contained herein is correct as of the date of this document to the best of our knowledge. Any recommendations or suggestions are made without guarantee or representation as to results and are subject to change without notice. We suggest you evaluate any recommendations and suggestions independently. All goods are subject to the Terms and Conditions of Sale and Delivery of UCY business services & trading GmbH. These provide a limited warranty of merchantable quality together with limitations and exclusions of liability. WE DISCLAIM ANY OTHER WARRANTIES, WHETHER EXPRESS OR IMPLIED, AND SPECIFICALLY DISCLAIM THE IMPLIED WARRANTIES OF FITNESS FOR A PARTICULAR PURPOSE AND NON-INFRINGEMENT. Our responsibility for claims arising from any claim for breach of warranty, negligence, or otherwise shall not include consequential, special, or incidental damages, and is limited to the purchase price of the goods from us. None of the statements made here shall be construed as a grant, either express or implied, of any license of Intellectual property held by UCY business services & trading GmbH its or other parties. Customers are responsible for obtaining any licenses or other rights that may be necessary to make, use or sell products containing goods of UCY business services & trading GmbH.