



Certificate of Analysis

Product Description: Babassu Organic Refined

Batch No.: 4356103

Best Before End: April 2021

Physical and Chemical Characteristics

parameter	unit	specification	result
acid value	mg KOH/g	max. 2,0	0,14
peroxide value	meq O2/kg	max. 10,0	0,2
colour (Gardner)			0,4
iodine value	g I2/100g	10,0 - 22,0	15,3 *

Fatty Acid Composition (GC of FAMES)

parameter	unit	specification	result
8:0 caprylic acid	%	2,0 - 8,0	5,9
10:0 capric acid	%	1,0 - 8,0	5,6
12:0 lauric acid	%	38,0 - 56,0	44,6
14:0 myristic acid	%	11,0 - 27,0	15,6
16:0 palmitic acid	%	4,0 - 12,0	8,5
18:0 stearic acid	%	1,0 - 8,0	3,8
18:1 oleic acid	%	9,0 - 20,0	13,1
18:2 linoleic acid	%	1,0 - 7,0	2,3
other fatty acids	%	max. 5,0	0,6

* Calculated

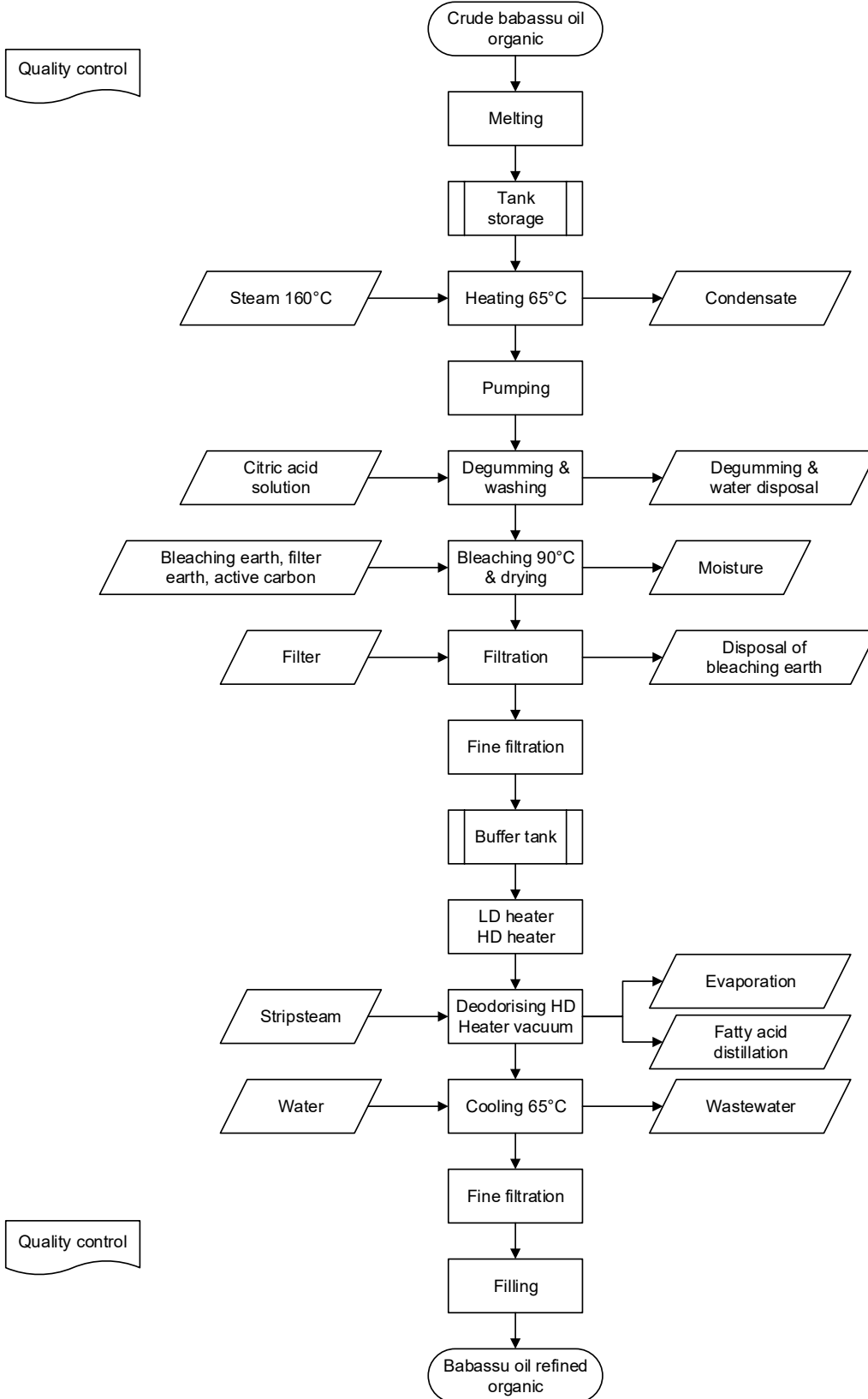
other not analysed but specified parameters

parameter	unit	specification	result
slip melting point	°C	21 - 31	21 - 31

ALLERGEN INFORMATION

PRODUCT NAME		Babassu Refined Organic		PRODUCT CODE		OVCBABA	
Ingredients with potential allergens in accordance with EU				<i>Cross-contamination</i>	<i>Ingredient</i>		
01	Cereals containing gluten and products thereof	<input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes	<input type="checkbox"/>			
02	Crustaceans and products thereof	<input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes	<input type="checkbox"/>			
03	Eggs and products thereof	<input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes	<input type="checkbox"/>			
04	Fish and products thereof	<input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes	<input type="checkbox"/>			
05	Peanuts and products thereof	<input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes	<input type="checkbox"/>			
06	Soyabeans and products thereof	<input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes	<input type="checkbox"/>			
07	Milk and dairy products (incl. lactose)	<input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes	<input type="checkbox"/>			
08	Nuts and products thereof	<input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes	<input type="checkbox"/>			
09	Celery and products thereof	<input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes	<input type="checkbox"/>			
10	Mustard and products thereof	<input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes	<input type="checkbox"/>			
11	Sesame seeds and products thereof	<input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes	<input type="checkbox"/>			
12	Sulphur dioxide and Sulphite < 10mg/kg	<input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes	<input type="checkbox"/>			
13	Sonstige	<input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes	<input type="checkbox"/>			
Ingredients with potential allergens in accordance with ALBA list				<i>Cross-contamination</i>	<i>Ingredient</i>		
01	Cow milk protein	<input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes	<input type="checkbox"/>			
02	Lactose	<input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes	<input type="checkbox"/>			
03	Hen's egg protein	<input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes	<input type="checkbox"/>			
04	Soya protein	<input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes	<input type="checkbox"/>			
05	Soya oil	<input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes	<input type="checkbox"/>			
06	Gluten	<input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes	<input type="checkbox"/>			
07	Wheat	<input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes	<input type="checkbox"/>			
08	Rye	<input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes	<input type="checkbox"/>			
09	Beef	<input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes	<input type="checkbox"/>			
10	Porc	<input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes	<input type="checkbox"/>			
11	Chicken	<input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes	<input type="checkbox"/>			
12	Fish	<input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes	<input type="checkbox"/>			
13	Crustaceans	<input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes	<input type="checkbox"/>			
14	Maize	<input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes	<input type="checkbox"/>			
15	Cocoa	<input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes	<input type="checkbox"/>			
16	Yeast	<input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes	<input type="checkbox"/>			
17	Vegetables/Pulses	<input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes	<input type="checkbox"/>			
18	Nuts	<input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes	<input type="checkbox"/>			
19	Nut oil	<input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes	<input type="checkbox"/>			
20	Peanuts	<input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes	<input type="checkbox"/>			
21	Peanut oil	<input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes	<input type="checkbox"/>			
22	Sesame seeds	<input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes	<input type="checkbox"/>			
23	Sesame oil	<input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes	<input type="checkbox"/>			
24	Glutamate	<input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes	<input type="checkbox"/>			
25	Sulfit (E220 bis E227)	<input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes	<input type="checkbox"/>			
26	Benzoic acid and PHB (E210 bis E219)	<input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes	<input type="checkbox"/>			
27	AZO-Colours	<input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes	<input type="checkbox"/>			
28	Tartrazine (E102)	<input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes	<input type="checkbox"/>			
29	Cinnamon	<input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes	<input type="checkbox"/>			
30	Vanillin	<input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes	<input type="checkbox"/>			
31	Coriander	<input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes	<input type="checkbox"/>			
32	Celery	<input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes	<input type="checkbox"/>			
33	Umbelliferae	<input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes	<input type="checkbox"/>			
34	Carrot	<input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes	<input type="checkbox"/>			
35	Lupines	<input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes	<input type="checkbox"/>			
36	Mustard	<input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes	<input type="checkbox"/>			
37	Butylhydroxyanisol (E320), Butylhydroxytoluol (E321)	<input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes	<input type="checkbox"/>			
38	Peru balsam	<input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes	<input type="checkbox"/>			
39	others	<input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes	<input type="checkbox"/>			

Flowchart Babassu oil refined organic



This detailed process flow diagram represent a typical process. The single steps can vary and it cannot be legally inferred that the articles sold originate from the process detailed above.



Safety data sheet according to 1907/2006/EC, Article 31

BABASSU OIL

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1. Identification of Substance/Preparation and Company :

- **Product name :** Babassu Refined Organic
- **EC market placer (manufacturer, importer or distributor):**
MADAR Corporation Limited, 19-20 Sandleheath Industrial Estate, Fordingbridge, Hampshire, SP6 1PA
Approved Sellers: Cosmetic Butters, Mystic Moments, New Directions, World of Moulds
- **Telephone number / e-mail address**
TEL.: 01425 655555 E-MAIL: sales@madarcorporation.co.uk
- **Emergency telephone number :** Police and Fire Department
- **REACH Status:** Exempted from compulsory Regulation according to Annex II No. 9 of Commission Regulation (EC) No. 987/2008 amending Regulation (EC) No 1907/2006 of REACH as regards Annexes IV and V.

2. Hazards Identification :

- **Human Health Hazards :** No specific hazards under normal use conditions.
- **Hazards Reactions :** none

3. Composition / Information on Ingredients :

- **Chemical description :** It consists primarily of the glycerides of the fatty acids lauric, myristic and oleic.
- **CAS-No. :** 91078-92-1
- **EINECS-No.:** 293-376-2
- **INCI-Name :** Orbignya Oleifera Seed Oil

4. First - Aid - Measures :

- **First aid - inhalation :** Move to fresh air. Seek medical advice after significant exposure.
- **First aid - skin :** Wash with soap and water.
- **First aid - eye :** Rinse with plenty of water. Eyelids should be held away from the eyeball to ensure thorough rinsing.
- **First aid - ingestion :** If symptoms persist seek medical advice.

5. Fire Fighting Measures :

- **Extinguishing media :** Foam, dry chemical powder, carbon dioxide, sand or earth.
- **Unsuitable extinguishing media :** water
- **Combustion products :** Carbon monoxide, carbon dioxide
- **Protective equipment :** In case of insufficient ventilation, wear suitable respiratory equipment. Depending on the dimensions of the fire wear full protection.
- **Other information :** Avoid contact with oxidizing agents.



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6. Accidental Release Measures :

- **Personal precautions** : Pay attention to the slippery ground. Avoid contact with eyes and skin
- **Environmental precautions** : Prevent further leakage or spillage. Prevent from spreading or entering into drains, ditches or rivers by using sand, earth, or appropriate barriers.
- **Clean - up methods** : Absorb or contain with sand, earth or spill control material. Shovel into a suitable, clearly marked container for disposal or reclamation in accordance with local regulations. Remove sources of ignition.
- **Other information** : No dangerous substances will be released.

7. Handling and Storage :

- **Handling** : The usual precautions for handling chemicals should be observed.
- **Storage** : Keep container tightly closed . Avoid direct sunlight, heat sources and strong oxidizing agents. ⇨ The lower the storage temperature the better is the storage stability.
- **Requirement for storage facilities and containers** : Air and waterproof glass or plastic containers.
- **Fire and explosion prevent** : No specific recommendations. Avoid contact with oxidizing agents.

8. Exposure Controls / Personal Protection :

- **Engineering control measures** : The usual precautions for handling chemicals should be observed.

- **Occupational exposure standards** :

<u>Component name</u>	<u>Limit type</u>	<u>Value/Unit</u>	<u>Other Information</u>
			can be left out

- **Respiratory - protection** : none
- **Eye - protection** : Eye security glasses, with side shields
- **Body - protection** : Normal protection clothing or apron
- **Hand - protection** : Wear suitable gloves

9. Physical and Chemical Properties :

- **Form** : solid
- **Colour** : gelb
- **Odour** : neutral

	<u>Value</u>	<u>Unit</u>	<u>Method</u>
• Change of physical state :			
Melting - point :	24 - 26	°C	DGF C-IV 3a
Boiling - point :	> 350	°C	
• Flashpoint :	> 300	°C	DGF C-IV 8
• Ignition - temperature :	> 300	°C	
• Smoke point :		°C	
• Explosive properties :	not explosive		
• Vapour pressure :	at 20 °C	< 0,001	mm Hg
• Viscosity :	at 20 °C	25 - 35	mPa s
• Density :	at 20 °C	0,914 - 0,917	g/cm ³
• Solubility in water :		insoluble	DGF C-IV 7 DGF C-IV 2

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10. Stability / Reactivity :

- **Stability** : Stable under normal use conditions.
- **Materials to avoid** : Strong oxidizing agents. Protect from humidity.
- **Hazardous decomposition products** : Thermal decomposition leads to formation of acrolein.

11. Toxicological Information :

- **Toxicological Data** : not toxic
- **Specific symptomatic results**: not available
 - Eye irritation** : unknown
 - Skin irritation** : unknown
 - Skin sensitisation** : unknown
- **Additional toxicological information**:
Not classified as hazardous conform EEC Dangerous Substance Directive and Dangerous Preparation Directives. If the product is used properly it will not cause any injuries to health.

12. Ecological Information :

- **Biotic degradation** :
Goldorfen lethality not reached after 48h
biodegradable
- **Wassergefährdungsklasse** (Germany): nicht wassergefährdend im Sinne des § 19g Abs. 5 WHG.
(Einstufung nach VwVwS vom 17. Mai 1999, Nummer 1.2 a) in Verbindung mit Anhang 1)

13. Disposal Information :

- **Product** :
Precautions : According to local regulations (most probably controlled incineration).
- **Contaminated packaging** :
Precautions : According to local regulations
Recommend detergent : water and detergent

14. Transport Information :

Not dangerous for conveyance.

15. Regulatory Information :

- **EC Classification** :
Not classified as dangerous according to CLP Regulation (EC) No. 1272/2008.
Not classified as dangerous according to Directive 67/548/EC or Directive 1999/45/EC.
- **National Regulation** :
Wassergefährdungsklasse (Germany): nicht wassergefährdend im Sinne des § 19g Abs. 5 WHG.
(Einstufung nach VwVwS vom 17. Mai 1999, Nummer 1.2 a) in Verbindung mit Anhang 1)



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16. Other Informations :

This data sheet and the health, safety and environmental information it contains is considered to be accurate as of the data of compilation specified above. Any information contained herein has been reviewed. However, no warranty or representation, express or implied, is made as to the accuracy or completeness of the data and information contained in this data sheet.

Health and safety precautions and environmental advice noted in this data sheet may not be accurate for all individuals and/or situations. It is the user's obligation to evaluate and use this product safely and to comply with all applicable laws and regulations. No statement made in this data sheet shall be construed as a permission, recommendation or authorisation, given or implied, to practice any patented invention without a valid licence. MADAR Corporation Limited all not be responsible for any damage or injury resulting from the abnormal use of the material, from any failure to adhere to recommendations, or from any hazards inherent in the nature of the material.



Babassu Refined Organic

Description: Babassu oil is the fixed oil obtained from the nuts of the Babassu Palm *Orbignya Oleiferar* (Palmae). The kernels contain about 65 % oil.

CAS No.: 91078-92-1

EINECS No.: 293-376-2

INCI Name: *Orbignya Oleifera* Seed Oil

Properties: A light yellow to white fat with slight characteristic odour. It is insoluble in water; soluble in lipophilic solvents.

Parameter	Method	Unit	Value
<u>Physical and Chemical Characteristics</u>			
acid value	Ph. Eur. [2.5.1]	mg KOH/g	max. 2,0
peroxide value	Ph. Eur. [2.5.5]	meq O ₂ /kg	max. 10,0
iodine value	Ph. Eur. [2.5.4]	g I ₂ /100g	10,0 - 22,0
slip melting point	Ph. Eur. [2.2.15]	°C	21 - 31
<u>Fatty Acid Composition (GC of FAMES)</u>			
8:0 caprylic acid	Ph. Eur. [2.4.22]	%	2,0 - 8,0
10:0 capric acid	Ph. Eur. [2.4.22]	%	1,0 - 8,0
12:0 lauric acid	Ph. Eur. [2.4.22]	%	38,0 - 56,0
14:0 myristic acid	Ph. Eur. [2.4.22]	%	11,0 - 27,0
16:0 palmitic acid	Ph. Eur. [2.4.22]	%	4,0 - 12,0
18:0 stearic acid	Ph. Eur. [2.4.22]	%	1,0 - 8,0
18:1 oleic acid	Ph. Eur. [2.4.22]	%	9,0 - 20,0
18:2 linoleic acid	Ph. Eur. [2.4.22]	%	1,0 - 7,0
other fatty acids	Ph. Eur. [2.4.22]	%	max. 5,0

Storage:

Keep in well closed, well filled containers or under inert gas, protect from light, cool and dry.

Residual Solvents:

It complies with the guideline CPMP/ICH/283/95 and CPMP/ICH/1940/00 corr. (residual solvents)



Vegetarian & Vegan Suitability Statement

PRODUCT NAME: **Babassu Organic Refined**

MADAR Corporation Limited can confirm that the above listed product has not been tested in animals and does not contain dairy or any other animal product, by product or derivative and is therefore suitable for vegetarian and vegan use.

30/03/16