

Certificate of Analysis

Product Description: Babassu Organic Refined

Batch No.: 4547603

Best Before End: July 2026

Physical and Chemical Characteristics

parameter	unit	specification	result
acid value	mg KOH/g	max. 2,0	0,29
peroxide value	meq O ₂ /kg	max. 10,0	0.5
colour (Gardner)			1.0
iodine value	g I ₂ /100g	10,0 - 22,0	15.6 *

Fatty Acid Composition (GC of FAMES)

parameter	unit	specification	result
8:0 caprylic acid	%	2,0 - 8,0	5,6
10:0 capric acid	%	1,0 - 8,0	5,3
12:0 lauric acid	%	38,0 - 56,0	43.5
14:0 myristic acid	%	11,0 - 27,0	15.9
16:0 palmitic acid	%	4,0 - 12,0	9.2
18:0 stearic acid	%	1,0 - 8,0	4.2
18:1 oleic acid	%	9,0 - 20,0	13.5
18:2 linoleic acid	%	1,0 - 7,0	2,2
other fatty acids	%	max. 5,0	0,6

* Calculated

other not analysed but specified parameters

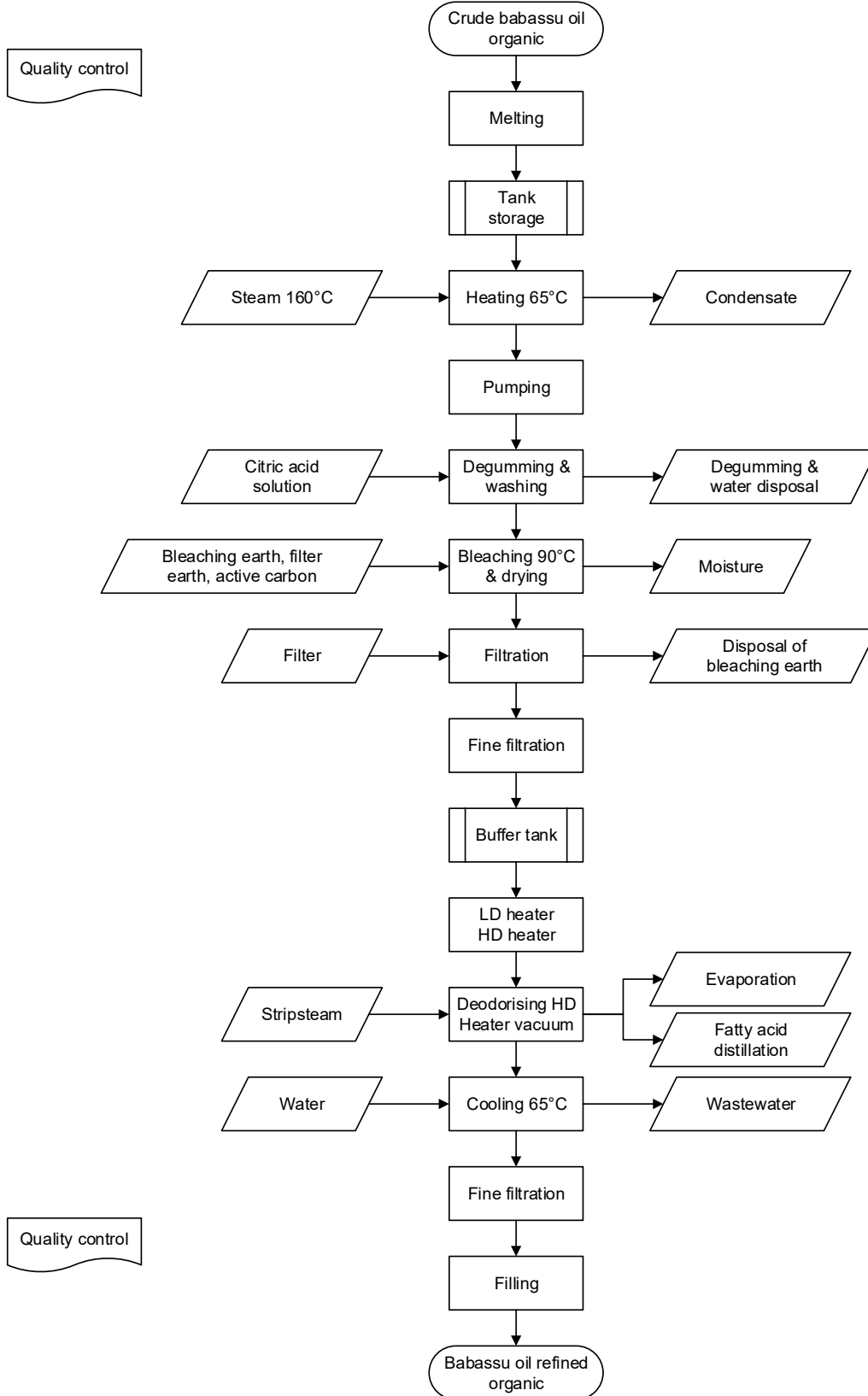
parameter	unit	specification	result
slip melting point	°C	21 - 31	21 - 31

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"/>			

MYSTIC MOMENTS

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.

19-20 Sandealth Industrial Estate, Fordingbridge, Hampshire, SP6 1PA, UK

Tel: 01425 655555 Email: technical@madarcorporation.co.uk

Product Dossier

Babassu oil refined organic

Description:	Babassu oil is the fixed oil obtained from the nuts of babassu palm <i>Orbignya oleifera</i> . The kernels contain about 65% oil. The babassu palms are grown and harvested under the conditions of certified organic agriculture
Ingredients:	100% Babassu oil
Quality Level:	Cosmetic
INCI Name:	Orbignya Oleifera Seed Oil
CAS No:	91078-92-1
EINECS No:	293-376-2
Monograph:	-
Properties:	A light yellow to white unctuous mass with slight characteristic odour. It is insoluble in water; soluble in lipophilic solvents.

Listing status in different countries:	Australia (AICS), Canada (DSL), China (IECSC), Europe (EINECS), Japan (CHRIP), New Zealand (NZioC), Philippines (PICCS), Taiwan (CSNN)
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REACH:	Exempt (Annex V, §9)
Manufacturer:	Gustav Heess GmbH (for storage, QC and filling)
Site:	Mollenbachstrasse 29, 71229 Leonberg, Germany

Main Countries of Origin	Seed: Brazil
	Oil: Brazil (Refining in the Netherlands)
Botanical Origin:	<i>Attalea speciosa</i>
Parts used:	Dried kernels of the Babassu nut
Vegan:	<p>Suitable for vegan products:</p> <ul style="list-style-type: none"> The product does not contain any animal derived ingredients or by-products The product is not manufactured using any animal derived ingredients, processing aids or precursors The manufacturer of the ingredients is appropriately separated from manufacturer of any ingredients of animal origin

Retest Date:	Metal Drum 18 Months	Carton 12 Months	Bucket 12 Months
Storage Conditions:	Dry storage at 15-20°C under absence of direct sunlight and off-odours. Cool storage (8-10°C) enhances quality preservation. Freezing should be avoided. If partly melted, it should be melted completely and solidified again rapidly		
Packaging:	Drum 190 kg Crude Steel	Carton with liner 25 kg Material HDPE	Bucket 25 kg HDPE

Kosher: (if yes, product has to be ordered kosher!)	100% vegetal, Kosher-suitable but not certified
Halal:	100% vegetal, Halal-suitable but not certified
Free from Alcohol:	Yes
Preservatives, antioxidants:	The fat is free from additives. Any antioxidant is only added on deliberate request of the customer and clearly marked on the cover sheet of the CoA

Cosmetic Allergens: Oil is characterized by its typical organoleptic properties. These properties originate from natural volatile components of the seeds, kernels or pulp passing into the pressed oil. The amount of the traces can vary, so that we cannot predict, whether they are analytically accessible.

Does not contain substances classified as sensitizers according to the Reg. (EC) No. 1223/2009 annex III, in their latest consolidated version.

Cosmetic Reg. (EC) No. 1223/2009: Does not contain substances listed in Annex II to VI of the cosmetic legislation 1223/2009 and its amendments, in their latest consolidated version, as ingredients. Contaminations with forbidden/restricted substances are not expected but not analyzed.

GMO: According to Reg. (EC) No 2018/848 Art. 11, the use of genetically modified organisms and/or any products derived from such organisms is prohibited in organic production.

CMR: The oil does not contain toxic substances.

Microbiological Limits: The oil is heated to >200°C for longer than 20 minutes. Any microorganisms should be inactivated. Due to the absence of moisture in the oil, microorganisms cannot develop.

Pesticides: Complies with organic Regulation (EU) 2018/848 and Regulation (EU) 396/2005, attachments 1-3, in their latest consolidated version, and maximum residual limits (MRL) for fats and oils set forth

- Unofficial limit of 10 ppb (re-calculated on seeds/fruits) as an orientation value for pesticide-free organic agriculture

PAH Limits according: Attachment to EU Reg.1881/2006 for other contaminants for food and food ingredients on its latest consolidated version

Dioxins Limits according: Attachment to EU Reg.1881/2006 for other contaminants for food and food ingredients on its latest consolidated version

Aflatoxins Limits according: Attachment to German Kontaminanten VO for Aflatoxins in its latest consolidated version

Heavy Metals: Due to origin and manufacturing process not to expect, MRL according to annex to EU Reg. 1881/2006 applies for Pb with <0,1ppm

Metal Catalysts: Produced without catalysts

Glycol Ether: Free of glycol ether

Trans-Fatty Acids: Trans-Fatty Acids <2%

Formaldehyde: Free of formaldehyde or any type of formaldehyde releaser

Lactose, Gluten: Free of lactose or gluten

Melamine: Free of melamine

MYSTIC MOMENTS

Novel Food:	Reg. (EU) 2015/2283 does not apply
Residual Solvent:	Non Food
VOC:	Does not contain volatile organic compounds with respect to Directive 2009/32/EC. The risk of VOC as contamination is neglectable. After the deodorization step at 180 °C – 250 °C with strip steam, such traces are removed from the oil
Nanotechnology:	Not used and no nanomaterials added
Irradiation:	Not treated with ionizing radiation
Animal Testing:	Has not been tested on animals by our suppliers
BSE / TSE:	The oil is of vegetable origin, no risk of BSE/TSE. The supply chain of vegetable oils & fats is completely segregated from the supply of animal fat

In General:

We hereby confirm the above information to the best of our knowledge, based on the details of the raw materials processed and the production processes applied, as well as the information provided by our manufacturers.

All our products are traceable by our batch number which is allocated on every incoming batch. This unique batch number allows traceability to the original manufacturers' batches and the processing data.

24 January 2023

Automatically generated valid without signature

MYSTIC MOMENTS

Safety Data Sheet according to Reg. (EC) 1907/2006

Product name: Babassu oil
Updated: 24. January 2023
Version: f

Date of issue: 20. June 2016
Previous version: e

Section 1: Identification of the substance and of the company

1.1 Product identifier:

Babassu oil refined organic

1.2 Relevant identified uses of the substance and uses advised against

Not identified.

1.3 Supplier

Madar Corporation Limited 19 - 20 Sandleheath Industrial Estate, Fordingbride, SP6 1 PA

Telephone
01425 655 555

E-mail address of person responsible for this SDS: E-Mail: technical@madarcorporationo.uk

1.4 Emergency telephone number
01425 655 555

Section 2: Hazards identification

2.1 Classification of the substance

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.

Classification according to Regulation (EC) 1272/2008: Not classified.

Classification according to Directive 67/548/EWG: Not classified.

2.2 Label elements

Signal word: No signal word.

Hazard statements: No known significant effects or critical hazards.

2.3 Other hazards:

No.

MYSTIC MOMENTS

Safety Data Sheet according to Reg. (EC) 1907/2006

Product name: Babassu oil
Updated: 24. January 2023
Version: f

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Section 3: Composition

3.1 Substance

Mixture of triglycerides from different fatty acids, primarily of 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

There are no additional ingredients present which, within the current knowledge of the supplier, are classified and contribute to the classification of the substance and hence require reporting in this section.

Section 4: First aid measures

4.1 Description of first aid measures

Ingestion: Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.
Inhalation: Fresh air. Get medical attention if symptoms occur.
Skin contact: Flush contaminated skin with plenty of water, wash with soap and rise thoroughly. Remove contaminated clothing and shoes.
Eye contact: Immediately flush eyes with plenty of water. Check for and remove any contact lenses. Get medical attention if irritation occurs.

4.2 Most important symptoms and effects, both acute and delayed

Potential acute health effects

Ingestion: No known significant effects or critical hazards.
Inhalation: No known significant effects or critical hazards.
Skin contact: No known significant effects or critical hazards.
Eye contact: No known significant effects or critical hazards.

Over-exposure signs

Ingestion: No specific data.
Inhalation: No specific data.
Skin contact: No specific data.
Eye contact: No specific data.

4.3 Indication of any immediate medical attention and special treatment needed

Notes to physician: No specific data.
Specific treatment: No specific treatment.

Safety Data Sheet according to Reg. (EC) 1907/2006

Product name: Babassu oil
Updated: 24. January 2023
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Section 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media: Foam, dry chemical powder, carbon dioxide, sand or earth.

Unsuitable extinguishing media: Water with full jet.

5.2 Special hazards arising from the substance

Avoid contact with oxidising agents. Combustion products: smoke, CO, CO₂.

5.3 Advice for firefighters

Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire.

Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus with a full face-piece operated in positive pressure mode. Clothing for fire-fighters conforming to European standard EN 469 will provide a basic level of protection for chemical incidents.

Section 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

The usual precautions for handling chemicals should be observed. Do not touch or walk through split material. Put on appropriate personal protective equipment.

6.2 Environmental precautions: Avoid dispersal of split material and runoff and contact with soil, waterways, drains and sewers.

6.3 Methods and materials for containment and cleaning up

Small spill: Stop leak if without risk. Move container from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.

Large spill: Stop leak if without risk. Move container from spill area. Prevent entry into sewers, water courses, basements or confined areas. Wash spillage into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations. Dispose of via licensed waste disposal contractor.

Section 7: Handling and storage

7.1 Precautions for safe handling

Advice on general occupational hygiene

The usual precautions for handling chemicals should be observed.

MYSTIC MOMENTS

Safety Data Sheet according to Reg. (EC) 1907/2006

Product name: Babassu oil
Updated: 24. January 2023
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Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas.

7.2 Conditions for safe storage

Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination.

Section 8: Exposure controls/personal protection

8.1 Control parameters

Not applicable.

8.2 Exposure controls

Individual protection measures

Hygiene measures: Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing.

Eye protection: safety eyewear.

Body protection: Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

Hand protection: Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. >8 hours (breakthrough time): neoprene, nitrile, Viton®.

Skin protection: Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

Respiratory protection: Use a properly fitted, air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this is necessary. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator. Recommended: organic vapour filter.

Environmental exposure controls: Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation.

MYSTIC MOMENTS

Safety Data Sheet according to Reg. (EC) 1907/2006

Product name: Babassu oil
Updated: 24. January 2023
Version: f

Date of issue: 20. June 2016
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Section 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical state: solid
Colour: yellow
Odour: neutral

	<u>value / area</u>	<u>Unit</u>
Melting point/freezing point:	24 – 26	°C
Boiling point:	> 350	°C
Flashpoint:	> 300	°C

Initial boiling point and boiling range: not available
Ignition temperature: > 300 °C

Danger of Explosion: product does not present an explosion hazard

Vapour pressure:	at 20 °C	< 1	mbar
Density:	at 20 °C	0,914 – 0,917	g/cm ³
Viscosity:	at 20 °C	25 – 35	mPas

Solubility in water: not miscible

9.2 Other information

No additional information.

Section 10: Stability and reactivity

10.1 Reactivity: No specific test data related to reactivity available for this product or its ingredients.

10.2 Chemical stability: The product is stable.

10.3 Possibility of hazardous reactions: Under normal conditions of storage and use, hazardous reactions will not occur.

10.4 Conditions to avoid: No specific data.

10.5 Incompatible materials: see section 7. Avoid contact with oxidising agents.

10.6 Hazardous decomposition products: smoke and irritating vapours when heated to decomposition. At very high temperatures acrolein may be formed.

MYSTIC MOMENTS

Safety Data Sheet according to Reg. (EC) 1907/2006

Product name: Babassu oil
Updated: 24. January 2023
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Section 11: Toxicological information

11.1 Information on toxicological effects

Not toxic.

Conclusion: Not available.
Irritation/Corrosion: No irritating effect.
Sensitization: Not available.
Carcinogenicity: No further relevant information available.

Specific target organ toxicity (single exposure): Not available.
Specific target organ toxicity (repeated exposure): Not available.

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.

11.2 Information on other hazards

No additional information available.

Section 12: Ecological information

12.1 Toxicity

No data available.

12.2 Persistence and degradability

Product is biodegradable.

12.3 Bioaccumulative potential

Does not accumulate in organisms.

12.4 Mobility in soil

No data available.

12.5 Results of PBT and vPvB assessment

PBT: No.

vPvB: No.

12.6 Endocrine disrupting properties

No additional information available.

12.7 Other adverse effects: No known significant effects or critical hazards.

Section 13: Disposal considerations

13.1 Waste treatment methods

Product:

Safety Data Sheet according to Reg. (EC) 1907/2006

Product name: Babassu oil
Updated: 24. January 2023
Version: f

Date of issue: 20. June 2016
Previous version: e

Methods of disposal:

Significant quantities of waste product residues should not be disposed of via the foul sewer but processed in a suitable effluent treatment plant. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements.

Packaging:

The generation of waste should be avoided or minimized wherever possible. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible.

EU-disposal code: 13 08 99 oil waste. Classification of waste is in end user's individual authority.

Section 14: Transport information

No hazardous goods according UN, IMO, ADR/RID und IATA/ICAO.

Section 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance

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.

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.

National regulation

Water hazard class: 1

15.2 Chemical Safety Assessment: complete.

Section 16: Other information

To the best of our knowledge, the information contained herein is accurate. However, neither the above-named supplier, nor any of its subsidiaries, assumes any liability whatsoever for the accuracy or completeness of the information contained herein.

Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

Product - Specification

Rev-No.: c

Printing Date: 9. June 2023

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Product / Trading-Name: **Babassu oil refined organic**

Description: Babassu oil is the fixed oil obtained from the nuts of the babassu palm *Orbignya Oleifera* (Palmaceae). The kernels contain about 65 % oil.

Product No.: 150130

CAS No.: 91078-92-1

EINECS No.: 293-376-2

INCI Name: *Orbignya Oleifera* Seed Oil

Properties: A light yellow to white unctuous mass 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 O2/kg	max. 10,0
iodine value	Ph. Eur. [2.5.4]	g I2/100g	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 CHMP/ICH/82260/2006 (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