



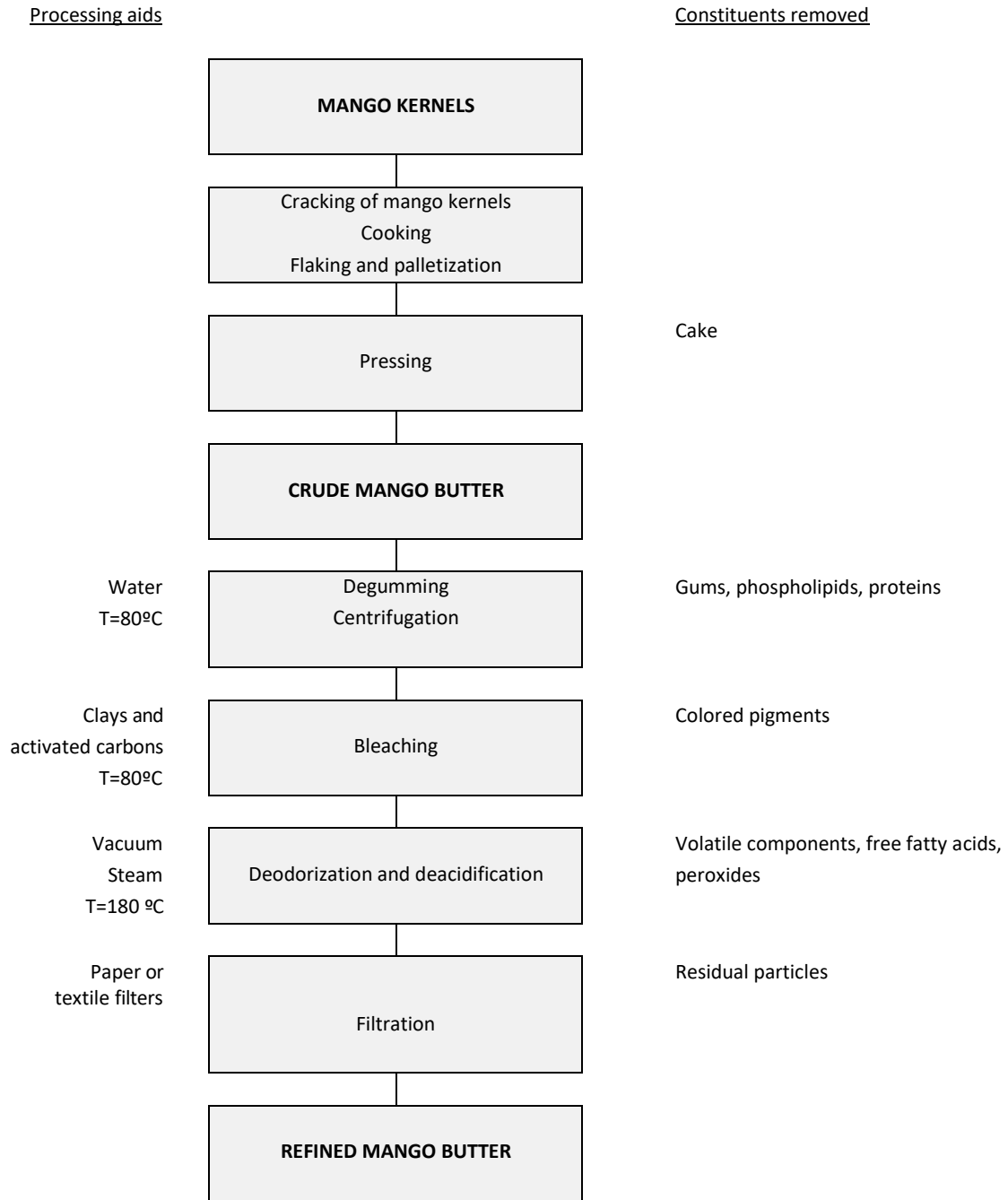
Certificate of Analysis

PRODUCT DETAILS					
Product Name	MANGO BUTTER REFINED				
Product Code	BUTTMAN				
Batch Number	4408105				
Best Before Date	September 2022				
Identification	CAS No: 90063-86-8 EINECS No: 290-045-4				
PHYSICAL AND CHEMICAL CHARACTERISTIC					
	SPECIFICATION RANGE	RESULTS			
Appearance	Solid	Conforms			
Colour	White to pale yellow	Conforms			
Odour	Charcteristic	Conforms			
Acid Value (mgKOH/g)	<2	0.18			
Iodine Value (gI2/100g)	40-55	46.2			
Peroxide Value (Meq/kg)	<5	0.7			
Saponification Value (mg KOH/g)	180-200	193.22			
FATTY ACID PROFILE (%)					
RANGE	RESULTS	RANGE	RESULTS	RANGE	RESULTS
C16:0 Palmitic Acid 2 - 18%	12.27%	C18:0 Stearic Acid 30-48%	40.88%	C18:1 Oleic Acid 34-50%	39.53%
C18:2 Linoleic Acid 2-10%	5.92%	C18:3 Linolenic Acid ≤2%	Traces	C20:0 Arachidic Acid ≤7%	0.77%
STORAGE AND SHELF LIFE					
Storage	Store in a well ventilated,, cool and dry place in tightly sealed, unopened original containers. Avoid direct sunlight and heat sources. Once opened use				

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**MANGO BUTTER REFINED
PRODUCTION FLOW CHART**





**SAFETY DATA SHEET
MANGO BUTTER REFINED**

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

1.1. Product identifier

Product name	MANGO BUTTER REFINED
Synonyms; trade names	Mangifera Indica Seed Butter
REACH registration notes	This product is according to Annex 5, 9 exempted from registration
CAS number	90063-86-8
EC number	290-045-4

1.2. Relevant identified uses of the substance or mixture and uses advised against

Identified uses	Component of cosmetic products and technical applications
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1.3. Details of the supplier of the safety data sheet

Supplier	Madar Corporation Limited 19 - 20 Sandleheath Industrial Estate Fordingbridge SP6 3PA Tel. +44 1425 655 555 Opening Hours Mon - Fri 9.00am - 5.00pm e-mail technical@madarcorporation.co.uk
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1.4. Emergency telephone number

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification (EC 1272/2008)

Physical hazards	Not Classified
Health hazards	Not Classified
Environmental hazards	Not Classified

2.2. Label elements

EC number	290-045-4
Hazard statements	NC Not Classified

2.3. Other hazards

SECTION 3: Composition/information on ingredients

3.1. Substances

Product name	MANGO BUTTER REFINED
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BiOrigins, 19-20 Sandleheath Industrial Estate, Fordingbridge, Hampshire, SP6 1PA, UK
Tel: 01425 655555 Email: technical@madarcorporation.co.uk

MANGO BUTTER REFINED

REACH registration notes	This product is according to Annex 5, 9 exempted from registration
CAS number	90063-86-8
EC number	290-045-4

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation	Not harmful
Ingestion	No specific recommendations.
Skin contact	Wash skin thoroughly with soap and water. Get medical attention if any discomfort continues.
Eye contact	Remove any contact lenses and open eyelids wide apart. Rinse with water. Get medical attention if any discomfort continues.

4.2. Most important symptoms and effects, both acute and delayed

4.3. Indication of any immediate medical attention and special treatment needed

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media Foam. Dry chemicals. Carbon dioxide (CO₂).

5.2. Special hazards arising from the substance or mixture

Specific hazards This product if made up of inflammable material with low risk. The product may only form ignitable mixture or burn only upon heating above the flash point. However, minor contamination by lightly volatile hydrocarbons may increase the hazard. Ignition hazard at welding of the empty container. Dangerous combustion residues: smoke, carbon monoxide and carbon dioxide.

Hazardous combustion products Acrid smoke or fumes. Carbon monoxide (CO). Carbon dioxide (CO₂).

5.3. Advice for firefighters

Protective actions during firefighting In order to protect personnel and to cool down containers in the danger zone use water fog or spray jet. Let the fire burn out under control or extinguish with alcohol resistant foam or dry chemical powder. Apply respiratory and eye protection for the fire fighting personnel exposed to smoke or vapours.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions Do not eat, drink or smoke when using this product. For personal protection, see Section 8.

6.2. Environmental precautions

Environmental precautions Avoid discharge into drains or watercourses or onto the ground.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up Collect material mechanically, placing in appropriate containers for disposal.

6.4. Reference to other sections

Reference to other sections For waste disposal, see Section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

MANGO BUTTER REFINED

Usage precautions Do not eat, drink or smoke when using this product. Do not reuse empty containers. Apply good manufacturing practice and industrial hygiene practices. Keep containers sealed when not in use.

7.2. Conditions for safe storage, including any incompatibilities

Storage precautions Keep container tightly closed, in a cool, well ventilated place. Protect from sunlight.

7.3. Specific end use(s)

SECTION 8: Exposure controls/Personal protection

8.1. Control parameters

8.2. Exposure controls

Protective equipment



Eye/face protection Approved safety goggles.

Hand protection Wear protective gloves.

Other skin and body protection Wear protective clothing.

Hygiene measures Good personal hygiene procedures should be implemented.

Respiratory protection No specific requirements are anticipated under normal conditions of use.

Environmental exposure controls Avoid discharging into drains.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance Solid.

Colour White to pale yellow

Odour Characteristic.

Relative density ca 0.90 - 0.93 @ 20°C

Solubility(ies) Soluble in alcohol and oils.

9.2. Other information

Hydrocarbon Content

SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity None known.

10.2. Chemical stability

Stability Stable under the prescribed storage conditions.

10.3. Possibility of hazardous reactions

Possibility of hazardous reactions None known.

10.4. Conditions to avoid Origins, 19-20 Sandleheath Industrial Estate, Fordingbridge, Hampshire, SP6 1PA, UK
Tel: 01425 655555 Email: technical@madarcorporation.co.uk

MANGO BUTTER REFINED

Conditions to avoid Avoid heat, flames and other sources of ignition.

10.5. Incompatible materials

Materials to avoid Strong Oxidants such as Liquid Chlorine and concentrated oxygen.

10.6. Hazardous decomposition products

Hazardous decomposition products Does not decompose when used and stored as recommended.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity - oral

Notes (oral LD₅₀) There is no expected negative impact.

Acute toxicity - dermal

Notes (dermal LD₅₀) There is no expected negative impact.

Acute toxicity - inhalation

Notes (inhalation LC₅₀) There is no expected negative impact.

Skin corrosion/irritation

Skin corrosion/irritation Not irritating.

Germ cell mutagenicity

Summary Does not contain any substances known to be mutagenic.

Carcinogenicity

Carcinogenicity Does not contain any substances known to be carcinogenic.

SECTION 12: Ecological information

Ecotoxicity No data on possible environmental effects have been found.

12.1. Toxicity

12.2. Persistence and degradability

12.3. Bioaccumulative potential

12.4. Mobility in soil

12.5. Results of PBT and vPvB assessment

12.6. Other adverse effects

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Disposal methods Dispose of contents/container in accordance with national regulations.

SECTION 14: Transport information

General The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, ADR/RID).

14.1. UN number

Not applicable.

14.2. UN proper shipping name

Not applicable.

MANGO BUTTER REFINED

14.3. Transport hazard class(es)

No transport warning sign required.

14.4. Packing group

Not applicable.

14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant

No.

14.6. Special precautions for user

Not applicable.

14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code

Transport in bulk according to Not applicable.

**Annex II of MARPOL 73/78
and the IBC Code**

SECTION 15: Regulatory information

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

EU legislation	Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (as amended). Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (as amended).
Guidance	CHIP for everyone HSG228.

15.2. Chemical safety assessment

An assessment has not been executed as this is not a hazardous material according to article 31 of REACH 1907/2006.

Inventories

EU - EINECS/ELINCS

Present.

Canada - DSL/NDSL

Not listed.

US - TSCA

Not listed.

Australia - AICS

Present.

Japan - ENCS

Present.

Korea - KECI

Not listed.

China - IECSC

Present.

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Philippines – PICCS

Present.

New Zealand - NZIOC

Present.

Taiwan - TCSI

Not listed.

SECTION 16: Other information

Revision date	28/04/2020
Revision	1
SDS number	5445

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Product Specification

PRODUCT DETAILS		
Product Name	MANGO BUTTER REFINED	
Product Code		
Tariff Number	15159060	
Country of Origin	The seeds are cultivated in the Dominican Republic and the final processing is carried out in either Spain or Italy.	
INCI Name	Mangifera Indica Seed Butter	
Natural Status	We hereby declare from information received from our supplier that this product is 100% from vegetable origin.	
Food Grade Status	Not Food Grade	
Kosher Certified	Not certified but is suitable	
Halal Certified	Not certified but is suitable	
GMO Declaration	To the best of our knowledge and from information received from our supplier, this product does not derive from genetically modified starting raw material, or additives that are derived from genetically modified organisms.	
Manufacturing Process	Please request flowchart.	
Identification	CAS No: 90063-86-8	EINECS No: 290-045-4
PHYSICAL AND CHEMICAL CHARACTERISTIC		
Appearance	Solid	
Colour	White to pale yellow	
Odour	Characteristic	
Relative Density @ 20°C	ca. 0.90 - 0.93	
Acid Value (mgKOH/g)	<2	
Iodine Value (gI ₂ /100g)	40-55	
Peroxide Value (Meq/kg)	<5	
Unsaponifiable Matter (%)	<5	
Melting Point	43-55c	
Saponification Value (mg KOH/g)	180-200	
FRAGRANCE ALLERGENS	FOOD ALLERGENS	IFRA
NOT APPLICABLE	NONE PRESENT	NOT APPLICABLE
FATTY ACID PROFILE (%)		
C16:0 Palmitic Acid 2.0 - 18%	C18:0 Stearic Acid 30 - 48%	C18:1 Oleic Acid 34 - 50%
C18:2 Linoleic Acid 2-10%	C18:3 Linolenic Acid ≤2%	C20:0 Arachidic Acid ≤7%
STORAGE AND SHELF LIFE		
Storage	Store in a well ventilated, cool and dry place in tightly sealed, unopened original containers. Avoid direct sunlight and heat sources. Once opened use	

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Sustainability Statement

Mango Butter

We can confirm that the Mango Butter (Mangifera Indica Seed Butter) supplied by MADAR Corporation Ltd is produced from a sustainable source.

01/11/2018



Vegan and Vegetarian Statement

IDENTIFICATION	
Product:	Mango Butter Refined
Cas No:	90063-86-8
EINECS No:	290-045-4
STATEMENT	
<p>We, Madar Corporation Limited, from information received from our supplier, hereby declare that the material listed above is suitable for the following:</p> <p>Vegans (Excludes all animal derived products, including dairy, eggs, leather, bee products (beeswax and honey).</p> <p>Lacto Vegetarians (Same as vegan but allows milk products and bee products.</p> <p>Ovo Vegetarians (Same as vegan but allows egg products and bee products)</p> <p>It does not contain any animal ingredients or animal by products. No animal ingredients or by products are used in the manufacturing process.</p> <p>4th June 2020</p> <p>This document represents to the best of our knowledge and from information received from our supplier. It does not release the buyer from the obligation to carry out an examination of the goods received. All uses made by the buyer are done under their own responsibility.</p>	