



## Certificate of Analysis

Product Name	Mango Butter
Inci Name	Mangifera Indica Seed Butter
EINECS Number	290-045-4
Cas Number	90063-86-8
Batch Number	4377527
Best Before End	November 2021

Parameter	Result
Appearance	Pale yellow semi-solid fat
Odour	Free from rancid or foreign odours
Peroxide Value (meq O <sub>2</sub> / kg)	1.2
Free Fatty Acid ( % as oleic)	0.125
Acid Value	0.25
Lauric Acid : C12:0	0.22
Myristic Acid : C14:0	0.18
Palmitic Acid : C16:0	11.07
Palmitoleic Acid : C16:1	0.08
Stearic Acid : C18:0	39.56
Oleic Acid : C18:1	40.56
Linoleic Acid : C18:2	6.96
Alpha Linolenic Acid : C18:3	0.09
Arachidic Acid : C20:0	0.82
Eicosenoic Acid : C20:1	0.18
Behenic Acid : C22:0	0.11
Iodine Value	49.1
Colour (Gardner)	1.4
Saponification Value	193.8
Unsaponifiable Matter	<5.0



### Allergen Statement

Product: Mango Butter  
Product Code: BUTTMANG  
INCI Name: Mangifera Indica Seed Butter

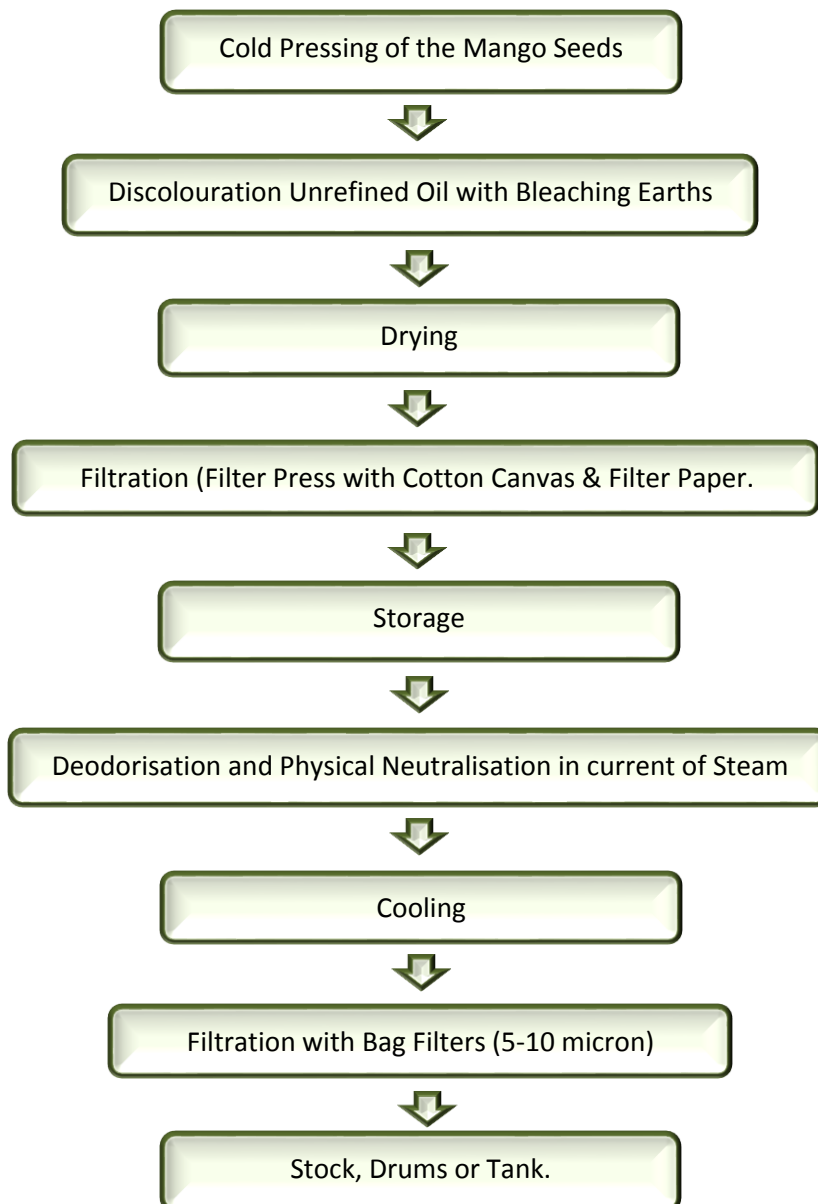
#### Cosmetic Allergens

From The 7th Amendment to the Cosmetic Directive of the European Union (EU) – Annex III 26  
Fragrance Allergens

<u>Annex III Ref:</u>	<u>Material:</u>	<u>CAS No:</u>	<u>Total Allergen Inclusion Level (%)</u>
67	AMYL CINNAMAL	122-40-7	0
68	BENZYL ALCOHOL	100-51-6	0
69	CINNAMYL ALCOHOL	104-54-1	0
70	CITRAL	5392-40-5	0
71	EUGENOL	97-53-0	0
72	HYDROXY-CITRONELLAL	107-75-5	0
73	ISOEUGENOL	97-54-1	0
74	AMYL CINNAMYL ALCOHOL	101-85-9	0
75	BENZYL SALICYLATE	118-58-1	0
76	CINNAMAL	104-55-2	0
77	COUMARIN	91-64-5	0
78	GERANIOL	106-24-1	0
79	HYDROXY-METHYLPENTYL CYCLOHEXENECARBOXALDEHYDE	31906-04-4	0
80	ANISE ALCOHOL	105-13-5	0
81	BENZYL CINNAMATE	103-41-3	0
82	FARNESOL	4602-84-0	0
83	BUTYLPHENYL METHYLPROPIONAL	80-54-6	0
84	LINALOOL	78-70-6	0
85	BENZYL BENZOATE	120-51-4	0
86	CITRONELLOL	106-22-9	0
87	HEXYL CINNAM-ALDEHYDE	101-86-0	0
88	LIMONENE	5989-27-5	0
89	METHYL HEPTIN CARBONATE	111-12-6	0
90	ALPHA-ISOMETHYL IONONE	127-51-5	0
91	EVERNIA PRUNASTRI EXTRACT	90028-68-5	0
92	EVERNIA FURFURACEA EXTRACT	90028-67-4	0



## Mango Butter Manufacturing Flow Chart



## Mango Butter

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

#### 1.1 Product Identifier

Product Name	Mango Butter				
Biological Definition	Mangifera Indica Seed Butter is the fat obtained from the seeds of the Mango, <i>Mangifera indica</i> L., <i>Anacardiaceae</i>				
INCI Name	Mangifera Indica Seed Butter				
Synonyms & Trade Names	Mango Butter				
Product Code	BUTTMANG				
CAS-No	90063-86-8	EC No.	290-045-4	EINECS No.	290-045-4

#### 1.2 Details of the supplier of the safety data sheet

Company Identification	<b>MADAR Corporation Limited</b> 19-20 Sandleheath Industrial Estate Fordingbridge Hampshire SP6 1PA Approved Sellers: Cosmetic Butters, Mystic Moments, New Directions, World of Moulds E-mail: <a href="mailto:sales@madarcorporation.co.uk">sales@madarcorporation.co.uk</a>				
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#### 1.3 Details of the supplier of the safety data sheet

Emergency Contact	☎ 01425 655555				
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### SECTION 2: Hazards identification

#### 2.1 Classification of the substance or mixture

Classification (67/548/EEC)	Not classed as a hazardous substance.
Classification (EU 1272/2008)	Not classed as a hazardous substance.

#### 2.2 Label elements

Label in accordance with Regulation (EC) No 1272/2008

GHS Label:	None
Signal word:	None
Contains	Contains no hazardous substances
Hazard Statements:	None
Precautionary Statements:	None
Supplementary Precautionary Statements:	- - -

#### 2.3 Other hazards

Adverse physio-chemical properties	No additional data available
Adverse effects on human health	No additional data available

### SECTION 3: Composition/information on ingredients

#### 3.1 Substances

100.0% Mangifera Indica Seed Butter      not classed as a hazardous substance

#### 3.2 Mixtures

EU INCI	US INCI
N/A	N/A

### SECTION 4: First aid measures

#### 4.1 Description of first aid measures

General Information	None
Inhalation	None
Ingestion	Remove contaminated clothing. Wash skin with soap and water. Seek medical attention if any discomfort continues.
Skin Contact	Immediately flush with plenty of water for up to 15 minutes. Remove any contact lenses and open eyes wide apart. Seek medical attention if irritation occurs. Continue to rinse.
Eye Contact	None

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

N/A

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

N/A

### SECTION 5: Fire fighting measures

#### 5.1 Extinguishing Media

Extinguishing media: Carbon dioxide (CO<sub>2</sub>). Dry Chemical Powder. Foam.  
Unsuitable extinguishing media: Do not use direct water jet on burning material.

#### 5.2 Special hazards arising from the substance or mixture.

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

#### 5.3 Advice for fire-fighters

In case of fire; use respirator.

### SECTION 6: Accidental release measures

#### 6.1 Personal precautions

Remove sources of ignition, provide adequate ventilation, avoid contact with skin and eyes. Wear protective equipment.

#### 6.2 Environmental precautions

Do not discharge into drains, water courses or onto the ground. Dispose of in line with Local authority guidelines.

#### 6.3 Methods and material for containment and cleaning up

For Land Spill: Shut off source. Prevent product from entering sewerage, water courses or low lying areas. Take measures to reduce or prevent effects on ground water. Gather product mechanically if possible. Bind remainings of the product with sand or other appropriate absorbent and remove. Dispose of product and contaminated absorbents in suitable containers, as directed in section 13. For Water Spill: Confine the spill immediately with booms. Warn other ships. Notify port and other relevant authorities. Remove from the surface by skimming or with suitable absorbents. In running waters, apply appropriate dispersants in accordance with local regulation.

#### 6.4 References to other sections.

Please refer to *Section 8 - Exposure controls/personal protection* for further information on personal precautions  
Please refer to *Section 13 - Disposal Considerations* for further information on waste treatment.

### SECTION 7: Handling and Storage

#### 7.1 Precautions for safe handling

Keep containers leak proof closed and dry. Protect against sun/light. Prevent spills and leakages to avoid slip hazard.

#### 7.2 Conditions for safe storage, including any incompatibilities

Intrusion into soil to be avoided. Store the product in cool (max. at room temperature) and well-ventilated environment and keep away from sources of ignition. Provide suitable mechanical equipment for the safe handling of drums and heavy packages. Electrical equipment and fittings must comply with local regulations.

#### 7.3 Specific end use(s)



N/A

### SECTION 8: Exposure controls/personal protection

#### 8.1 Control Parameters

This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

#### 8.2 Exposure Controls

Eye protection		No special measures required
Hand protection		No special measures required
Respiratory Equipment	No special measures required	
Hygiene Measures	Good personal hygiene practices are always advisable, especially when working with chemicals / oils.	
Engineering Measures	No special measures required	

### SECTION 9: Physical and chemical properties

#### 9.1 Information on basic physical and chemical properties

Appearance	Semi-solid fat
Colour	Pale yellow
Odour	Neutral
Relative Density	No additional data available.
Flash Point (°C)	No additional data available.
Refractive Index	No additional data available.
Melting Point (°C)	45 - 55
Boiling Point (°C)	No additional data available.
Vapour Pressure	No additional data available.
Solubility in Water @20°C	No additional data available.
Auto-ignition temperature (°C)	No additional data available.

#### 9.2 Other information

N/A

### SECTION 10: Stability and reactivity

#### 10.1 Reactivity

Stable under the recommended handling and storage conditions

#### 10.2 Chemical stability

Stable under normal temperature conditions.

#### 10.3 Possibility of hazardous reactions

None under normal use conditions.

#### 10.4 Conditions to avoid

No hazardous reactions identified.

#### 10.5 Incompatible materials

None known

#### 10.6 Hazardous decomposition products

If heated to high temperatures, smoke, soot and toxic fumes (carbon dioxide, carbon monoxide) may be produced.

### SECTION 11: Toxicological information

#### 11.1 Information on toxicological effects.

Acute toxicity:	In compliance with generally accepted uses and quantities are no negative impacts to be expected. LD50 oral: not determined LD50 dermal: not determined LC50: not determined Inhalation: There is not expected negative impact. Ingestion: There is not expected negative impact. Skin contact: There is not expected negative impact. Eye contact: There is not expected negative impact.
Skin corrosion / irritation:	In compliance with generally accepted uses and quantities are no negative impacts to be expected.
Serious eye damage/irritation:	In compliance with generally accepted uses and quantities are no negative impacts to be expected.
Respiratory or skin sensitisation:	In compliance with generally accepted uses and quantities are no negative impacts to be expected.
Germ cell mutagenicity:	There is not expected negative impact.
Carcinogenicity:	There is not expected negative impact.
Reproductive toxicity:	There is not expected negative impact.
STOT-single exposure:	No additional data available
STOT-repeated exposure:	No additional data available
Aspiration hazard:	No additional data available
Other information:	No additional data available

### SECTION 12: Ecological information

#### 12.1 Toxicity

No additional data available

#### 12.2 Persistence and degradability

No additional data available

#### 12.3 Bio-accumulative potential

No additional data available

#### 12.4 Mobility in soil

No additional data available

#### 12.5 Results of PBT and VPVB assessment

No additional data available

#### 12.6 Other adverse effects

N/A

### SECTION 13: Disposal considerations

#### 13.1 Waste Treatment Methods

Collect and dispose of waste product in accordance with local authority guidelines. Product remainders should not intrude soil or waters.

### SECTION 14: Transport information

Warning Icon	None
Proper Shipping Name	N/A
UN No. Road	Not restricted
ADR Class	Not restricted
Hazard No (ADR)	Not restricted
Hazchem Code	Not restricted
UN No. SEA	Not restricted
IMDG Class	Not restricted
IMDG Pack Gr.	Not restricted
EMS	Not restricted
UN No. AIR	Not restricted
Air Class	Not restricted
Air Pack Gr.	Not restricted



## Mango Butter

### SECTION 15: Regulatory information

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

EU Directives	Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 <sup>th</sup> Dec 2006 Concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 199/45/EC and repealing Council Regulation Council Regulation (EEC) No793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, and 93/105/EEC and 2000/21/EC including amendments.
Statutory Instruments	The Chemicals (Hazard Information and Packaging for Supply Regulations 2009 (S.I. 2009 No 716).
Approved Code of Practice	Classification and Labelling of Substances and Preparations Dangerous for Supply. Safety Data Sheets for Substances and Preparations
Guidance Notes	Workplace Exposure Limits EH40. CHIP for everyone HSG 108.

#### 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.

### SECTION 16: Other information

Training instructions: Refer to possible hazard before use of this product.

#### Abbreviations and acronyms:

MSDS	Material Safety Data Sheet
INCI	International Nomenclature of Cosmetic Ingredients
CAS	Chemical Abstract Service
IMDG	International Maritime Code for Dangerous Goods
ADR	Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)
RID	International Carriage of Dangerous Goods by Rail
ICAO	International Civil Aviation Organization
ADN	International Carriage of Dangerous Goods by Inland Waterways
GHS	Globally Harmonized System of Classification and Labelling of Chemicals
Trem Card	Transport Emergency Card
STOT	Specific Target Organ Toxicity
N/A	Not Available

Complies with REACH guidance for SDS as circulated by ECHA 2011.

#### Disclaimer

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Date (DD-MM-YYYY)	Change	Revision Number
05/08/2015	New Issue	0
11/02/2016		1



## MATERIAL SPECIFICATION

**Description:** Mango Butter

**Inci Name:** Mangifera Indica Seed Butter

**CAS No:** 90063-86-8

**EINECS No:** 290-045-4

ANALYTICAL DETAILS	RANGE
APPEARANCE @ 20°C	Pale yellow semi-solid fat
ODOUR	Free from rancid or foreign odours
COLOUR GARDNER	≤ 6.0
FREE FATTY ACID (% AS OLEIC)	≤ 0.25
IODINE VALUE (CALC)	40 – 55
PEROXIDE VALUE (Meq O <sub>2</sub> / kg)	≤ 10.0
SAPONIFICATION VALUE	180 – 195
UNSATONIFIABLE MATTER (%)	≤ 5.0
ACID VALUE (mgKOH/g)	≤ 0.5
MELTING POINT (°C)	45 – 55

	ACID NAME	C-CHAIN	RANGE
<b>FATTY ACID PROFILE (MAJOR ACIDS)</b>	LAURIC	C12:0	≤ 1.5
	MYRISTIC	C14:0	≤ 1.5
	PALMITIC	C16:0	11.0 – 17.0
	PALMITOLEIC	C16:1	≤ 1.0
	STEARIC	C18:0	30.0 – 45.0
	OLEIC	C18:1	38.0 – 50.0
	LINOLEIC	C18:2	3.0 – 7.0
	ALPHA LINOLENIC	C18:3	≤ 0.8
	ARACHIDIC	C20:0	≤ 2.0
	ICOSENOIC	C20:1	≤ 1.0
	BEHENIC	C22:0	≤ 1.0

Best Before: 12 Months from the date of manufacture when stored within advised conditions.

Revised: 05/06/2015



**Date:** 01/03/2018

**Re: Vegan – Mango Butter**

We can confirm that the Mango Butter supplied by the MADAR Corporation is suitable for Vegans.