



**CERTIFICATE OF ANALYSIS**  
**ORGANIC REFINED SHEA BUTTER**

**Batch No:** 4379807  
**Best Before End:** November 2021

**Colour:** Creamy yellow to white  
**Odour:** Low slightly fatty  
**Appearance:** Solid

TEST	SPECIFICATION	ANALYSIS
Iodine Value (gI <sub>2</sub> /100g)	50 – 75	60.4
Peroxide Value (meg O <sub>2</sub> /kg)	5.0 maximum	0.2
Free Fatty Acid (% as oleic)	1.0 maximum	0.1

FATTY ACID COMPOSITION (%)		
C16:0 Palmitic	3.0 – 9.0	3.5
C18:0 Stearic	34.0 – 50.0	44.2
C18:1 Oleic	38.0 – 50.0	45.1
C18:2 Linoleic	2.0 – 9.0	6.0

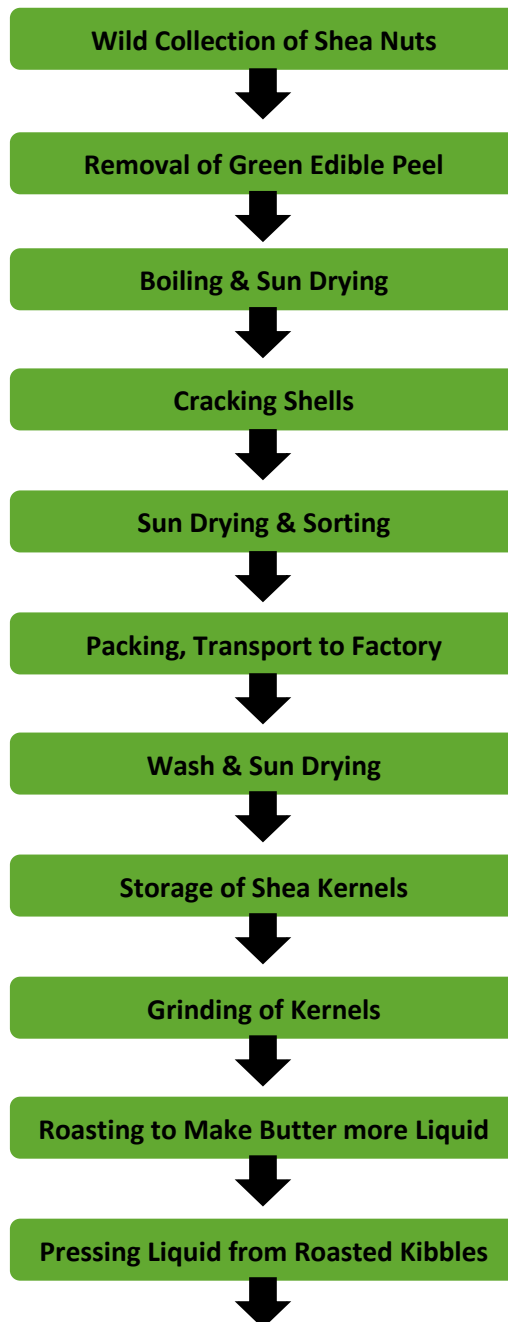


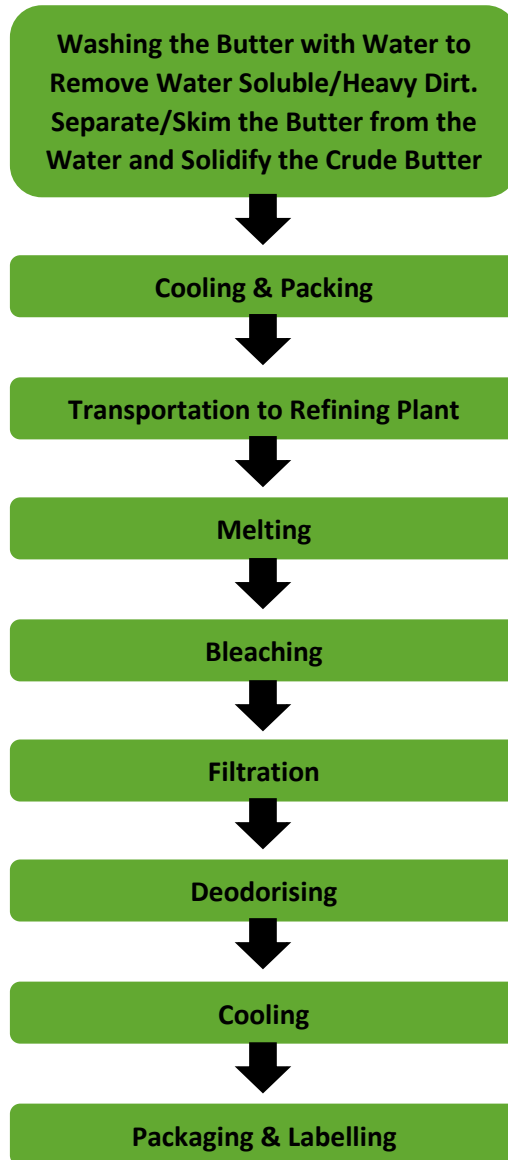
Product Name	Organic Shea Butter Refined				
INCI Name	Butyrospermum Parkii				
Date	30/08/2017	Product Code		Revision	1

Material	Cas Number	Cosmetic Allergens Inclusion (%)
ALPHA-ISOMETHYLIONONE	127-51-5	-
AMYL CINNAMAL	122-40-7	-
AMYL CINNAMYL ALCOHOL	101-85-9	-
ANISE ALCOHOL	105-13-5	-
BENZYL ALCOHOL	100-51-6	-
BENZYL BENZOATE	120-51-4	-
BENZYL CINNAMATE	103-41-3	-
BENZYL SALICYLATE	118-58-1	-
BUTYLPHENYLMETHYLPROPIONAL	80-54-6	-
CINNAMAL	104-55-2	-
CINNAMYL ALCOHOL	104-54-1	-
CITRAL	5392-40-5	-
CITRONELLOL	106-22-9	-
COUMARIN	91-64-5	-
EUGENOL	97-53-0	-
EVERNIA FURFURACEA EXTRACT	90028-67-4	-
EVERNIA PRUNASTRI EXTRACT	90028-68-5	-
FARNESOL	4602-84-0	-
GERANIOL	106-24-1	-
HEXYL CINNAMAL	101-86-0	-
HYDROXYCITRONELLAL	107-75-5	-
HYDROXYISOHEXYL 3-CYCLOHEXENE CARBOXALDEHYDE	31906-04-4	-
ISO EUGENOL	97-54-1	-
LIMONENE	5989-27-5	-
LINALOOL	78-70-6	-
METHYL 2-OCTYNOATE	111-12-6	-

DISCLAIMER: This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.

Product Name	Organic Shea Butter Refined		
Date	10/03/2020	Product Code	RMOSHEAREFI







Document Date:

May 2019

**STATEMENT**

We hereby certify that our **Organic Shea Butter Refined** is free of genetically modified materials and components. No ingredients, additives or processing aids of GM origin are used in the processing and production of the product.

## 01. IDENTIFICATION OF THE SUBSTANCE/MIXTURE & OF THE COMPANY/UNDERTAKING

1:1-Product Identifiers:					
Product name		Organic Refined Shea Butter			
Biological Definition		-			
INCI Name		Butyrospermum Parkii Butter			
Synonyms & Trade Names		-			
Reach Registration Number		-			
FEMA No.	-	FDA No.	-	CoE No.	-
CAS-No	91080-23-8	EC No.	293-515-7	EINECS No.	293-515-7

1:2 – Relevant Identified Uses of the substance or mixture and uses advised against:	
Identified Uses	No further relevant information available
1:3 – Details of the supplier of the Safety data sheets.	
Company Name	<b>Madar Corporation Limited</b> <b>19 - 20 Sandleheath Industrial Estate</b> <b>Fordingbridge, Hampshire, SP6 1PA</b> <b>Email: <a href="mailto:technical@madarcorporation.co.uk">technical@madarcorporation.co.uk</a></b> <b>Tel: 01425 655555</b>
1:4 – Emergency Telephone number	
Contact telephone number	01425 655555

## 02. HAZARDS IDENTIFICATION

2:1 Classification of the substance or mixture	
Classification (1999/45)	Not classed as a hazardous substance
Classification (EC 1272/2008)	Not classed as a hazardous substance
2.2 – Label Elements	
Label Elements in accordance with (EC) No 1272/2008	None
2:3 - Other hazards	
Signal Word	None
Contains	No hazardous substances

Hazard Statements	None
Precautionary Statements	None
Supplementary Precautionary Statements	None
PBT or vPvB according to Annex XIII	No
Adverse physio-chemical properties	None
Adverse effects on human health	None

### **03. COMPOSITION/INFORMATION ON INGREDIENTS**

<b>3:1 - Substances</b>	
Substances	Cas No: 91080-23-8 EC No: 293-515-7 Shea tree extract 100%
<b>3:2 - Mixtures</b>	
Mixtures	No additional data available

### **04. FIRST AID MEASURES**

<b>4:1 – Description of first aid measures</b>	
General Advice	Seek medical treatment in case of complaints
Inhalation	Seek immediate medical advice. Remove victim immediately from source of exposure. Supply fresh air; consult doctor in case of complaints.
Ingestion	Rinse mouth out thoroughly with water. Seek medical treatment in case of complaints. Avoid vomiting and normal rinse of stomach because of risk of aspiration.
Skin Contact	Remove contaminated clothes. Wash skin with soap & water, If skin irritation continues, consult a doctor
Eye Contact	Rinse immediately with plenty of water Remove any contact lenses and open eyelids, continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues
<b>4:2 – Most important symptoms and effects, both acute and delayed</b>	
Symptoms and effects	No further relevant information available

**4:3 – Indication of any immediate medical attention and special treatment needed**

Special requirements

No further relevant information available

**05. FIRE-FIGHTING MEASURES**

**5:1 - Extinguishing Media**

Suitable extinguishing Media

Foam, Carbon dioxide or dry powder.

Unsuitable extinguishing Media-DO NOT USE

Water with full jet

**5:2 - Special Hazards arising from substance or mixture**

Specific hazards

Irritating gases or vapours. Heat may cause the containers to explode.

**5:3 – Advice for firefighters**

Special firefighting procedures/ protective actions.

Wear self- contained respiratory protective device. Wear fully protective suit. Cool endangered receptacles with water spray.

**06. ACCIDENTAL RELEASE MEASURES**

**6:1 - Personal Precautions, protective equipment and emergency procedures.**

Personal precautions

Ensure adequate ventilation. Keep away from ignition sources. Wear protective equipment. Keep unprotected persons away. Do not inhale vapour/aerosols. Do not eat, drink or smoke while working.

**6:2 - Environmental Precautions**

Environmental Precautions

Do not allow product to reach sewage system or any water course. Inform respective authorities in case of seepage into water course or sewage system.

**6:3 – Methods and materials for containment and cleaning up**

Spill Clean Up Methods

The product might be absorbed by inert material. Send for recovery or disposal in suitable receptacles. Dispose of material collected according to regulations




6:4 – Reference to other sections	
Reference to other sections	Section 7- Information on safe handling Section 8 – Exposure controls/ personal protection for further information on personal precautions, Section 13 – Disposal considerations for further information on waste treatment.

## **07. HANDLING AND STORAGE**

7:1 – Precautions for safe handling	
Usage precautions	Usual safety precautions should be observed to ensure safe handling. Ensure good ventilation/exhaustion at the workplace. Prevent formation of aerosols. Wear necessary personal protective equipment. Smoking, eating and drinking should be prohibited in the application area. Wash hands before breaks and at the end of work. · Information about fire - and explosion protection: Keep ignition sources away - Do not smoke. Protect against electrostatic charges.
7:2 – Conditions for safe Storage including any incompatibilities	
Storage Precautions	· <b>Requirements to be met by storerooms and receptacles:</b> Store only in the original receptacle. Keep in cool, dry, ventilated storage and closed containers. · <b>Information about storage in one common storage facility:</b> Avoid contact with oxidising agents. Mineral acids (some). Bases, alkalis (inorganic). Bases, alkalis (organic). · <b>Further information about storage conditions:</b> Keep container tightly sealed.
Suitable Packaging	No additional data available
7:3 – Specific end use (s)	
End Uses	No additional data available

## **08. EXPOSURE CONTROLS/PERSONAL PROTECTION**

8:1 – Control parameters	
--------------------------	--

Components with workplace control parameters	<p><b>Ingredients with limit values that require monitoring at the workplace:</b> See section: Additional Occupational Exposure Limit Values</p> <p><b>· Additional Occupational Exposure Limit Values for possible hazards during processing:</b> TWA-8Hrs: 5 mg/m<sup>3</sup></p> <p><b>· Additional information:</b> This is based on data that was valid at the time of writing. Use engineering controls to reduce air contamination to permissible exposure level.</p>
<b>8:2 – Exposure controls</b>	
Protective Equipment	
Process conditions	Eyewash and safety shower facilities should be available when handling this product.
Engineering Measures	Provide adequate ventilation
Respiratory Equipment	Chemical respirator with organic vapour cartridge. NIOSH or European standard EN 149 approved respirator.
Hand Protection	Protective gloves. DIN/EN 374 The glove material has to be impermeable and resistant to the product/the substance/ the preparation. The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.
Eye Protection	Tightly sealed goggles (EN166)
Other Protection	No additional data available
Hygiene Measures	The usual precautionary measures are to be adhered to when handling chemicals. Ensure adequate ventilation. Do not eat, drink or smoke while working. Wash hands before breaks and at the end of work. Remove and wash contaminated clothing before re-use. Eliminate ignition sources.
Personal protection	No additional data available
Skin protection	Protective work clothing
Environmental exposure controls	No additional data available.

## 09. PHYSICAL AND CHEMICAL PROPERTIES

9:1 - Information on basic physical and chemical properties.	
Appearance	Fatty Solid
Colour	Yellow to pale cream
Odour	Slight, characteristic
Relative Density at 20°C	0.920-0.940 g/cm <sup>3</sup>
Flash Point (°C)	100-300 closed cup
Refractive Index	Not determined
Melting Point (°C)	31-38
Boiling Point (°C)	Not determined
Vapour Pressure at 20°C	0.01 mmHg
Solubility in Water @20°C	Insoluble
Auto-ignition temperature (°C)	No additional data available.
Self-igniting	Product is not self-igniting
Danger of explosion	Product does not present an explosion hazard
9:2 - Other information	
Other Information	No additional data available.

## 10. STABILITY AND REACTIVITY

10:1- Reactivity	
Reactivity	No additional data available.
10:2 - Chemical stability	
Stability	Stable under the recommended handling and storage conditions. No decomposition if used and stored according to specifications.
10:3 - Possibility of hazardous reactions	
Possible hazardous reactions	No dangerous reactions known
10:4 - Conditions to avoid	
Conditions to Avoid	Ignition source, electrostatic charges
10:5 – Incompatible materials	

Incompatible materials	Oxidising agents, mineral acids (some), Bases, alkalis inorganic and organic.
<b>10:6 - Hazardous Decomposition Products</b>	
Hazardous Decomposition Products	Fire or high temperature create: Irritant gases/vapours.

## **11. TOXOLOGICAL INFORMATION**

<b>11:1 Information on toxicological effects</b>	
Acute Toxicity	The product is not subject to classification according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version. When used and handled according to specifications, the product does not have any harmful effects to our experience and the information provided to us.
Skin corrosion / irritation	No additional data available
Serious eye damage / irritation	Irritation, burning, lachrymation, blurred vision after liquid splash.
Respiratory or skin sensitisation	May cause irritation in case of skin contact
Ingestion	Nausea, vomiting, diarrhoea.
Inhalation	Coughing, headache, may cause an asthma- like shortness of breath
Germ Cell Mutagenicity	No additional data available
Carcinogenicity	No additional data available
Reproductive toxicity	No additional data available
STOT-single exposure	No additional data available
STOT-repeated exposure	No additional data available
Aspiration hazard	No additional data available

Photo-toxicity	No additional data available
Other Information	No additional data available

## **12. ECOLOGICAL INFORMATION**

<b>12:1- Toxicity</b>	
Ecotoxicity	No additional data available
<b>12:2 - Persistence &amp; degradability</b>	
Persistence & degradability	No additional data available
<b>12:3 - Bioaccumulative Potential</b>	
Bioaccumulative Potential	No additional data available
<b>12:4 – Mobility in soil</b>	
Mobility	No additional data available
<b>12:5 – Results of PBT and vPvB assessment</b>	
PBT Assessment Results	No additional data available
<b>12:6 Other adverse effects</b>	
Precautions	Avoid transfer into the environment

## **13. DISPOSAL CONSIDERATIONS**

<b>13:1 Waste treatment methods</b>	
Disposal Methods	Dispose of waste product or used containers in accordance with local regulations.

#### 14. TRANSPORT INFORMATION

Warning Icon	Not required – Not classified as dangerous goods
<b>14:1 – UN Number</b>	
UN No Road – ADR/RID/ADN	Not required – Not classified as dangerous goods
UN No Sea- IMDG	Not required – Not classified as dangerous goods
UN No Air – IATA	Not required – Not classified as dangerous goods
<b>14:2 – UN proper shipping name</b>	
Road – ADR/RID/ADN	Not required – Not classified as dangerous goods
Sea- IMDG	Not required – Not classified as dangerous goods
Air - IATA	Not required – Not classified as dangerous goods
<b>14:3 – Transport Hazard class (es)</b>	
Road – ADR/RID/ADN	Not required – Not classified as dangerous goods
Sea- IMDG	Not required – Not classified as dangerous goods
Air- IATA	Not required – Not classified as dangerous goods
<b>14:4 - Packaging group</b>	
Road – ADR/RID/ADN	Not required – Not classified as dangerous goods
Sea- IMDG	Not required – Not classified as dangerous goods
Air - IATA	Not required – Not classified as dangerous goods
<b>14:5 – Environmental hazard</b>	

Environmentally hazardous substance/ marine pollutant.	No
<b>14:6 - Special precautions for user</b>	
Precautions	Not required – Not classified as dangerous goods
<b>14:7 – Transport in bulk according to Annex II of MARPOL 73/79 and the IBC code</b>	
	Not required – Not classified as dangerous goods

## **15. REGULATORY INFORMATION**

<b>15:1 – Safety, health and environmental regulations/ legislation specific for the substance or mixture.</b>	
EU Directives	Commission Regulation (EU) No 453/2010 of 20 May 2010 amending 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) No1488/94 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.
<b>15:2 Chemical Safety assessment</b>	
Assessment information	A chemical assessment for this product has not been carried out.

## **16. OTHER INFORMATION**

Revision Date	26.08.2016
---------------	------------



Rev No/Repl, SDS Generated	5
Change Description	Updated to new MSDS format
Changes made by	M Cole
Review Date	26.08.2019
Risk Phrases in Full	None
Hazard Statements in Full	None
Other Information	None

**DISCLAIMER: This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.**



## PRODUCT SPECIFICATION

<b>Product Name</b>	<b>Organic Refined Shea Butter</b>				
<b>Date</b>	26/08/2016	<b>Product Code</b>		<b>Rev</b>	5
<b>Reason for Revision</b>	Updated to new Specification format				

<b>Description</b>	Refined Shea Butter		
<b>Appearance</b>	Fatty Solid		
<b>Odour</b>	Characteristic		
<b>Customs Tariff Number</b>	15159059		
<b>Origin</b>	Ghana		
<b>Application</b>	Cosmetic ingredient		
<b>INCI Name</b>	Butyrospermum Parkii Butter		
<b>CAS Number</b>	91080-23-8	<b>EC Number</b>	293-515-7

### TEST SPECIFICATION

Analytical Test	Specification Range
FFA as oleic	1.0% max
Peroxide Value (meq/kg )	5.0 max
Iodine Value I/100mg	50-75mg max

### TYPICAL FATTY ACID PROFILE

C16:0 Palmitic Acid %	3-9 max
C18:0 Stearic Acid %	34-50
C18:1 Oleic Acid %	38-50
C18:2 Linoleic Acid %	2-9

### STORAGE

Store only in the original receptacle.  
Keep in cool, dry, ventilated storage and closed containers.

## PRODUCT SPECIFICATION

**DISCLAIMER:** This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use. Please note as this is a wholly natural material some parameters, in particular, appearance, colour and odour, may change due to natural variation and climate change. This in no way affects the quality and efficacy of the product.



**Document Date: May 2019**

**STATEMENT**

We hereby confirm that Organic Shea Butter is suitable for vegetarians & vegans