

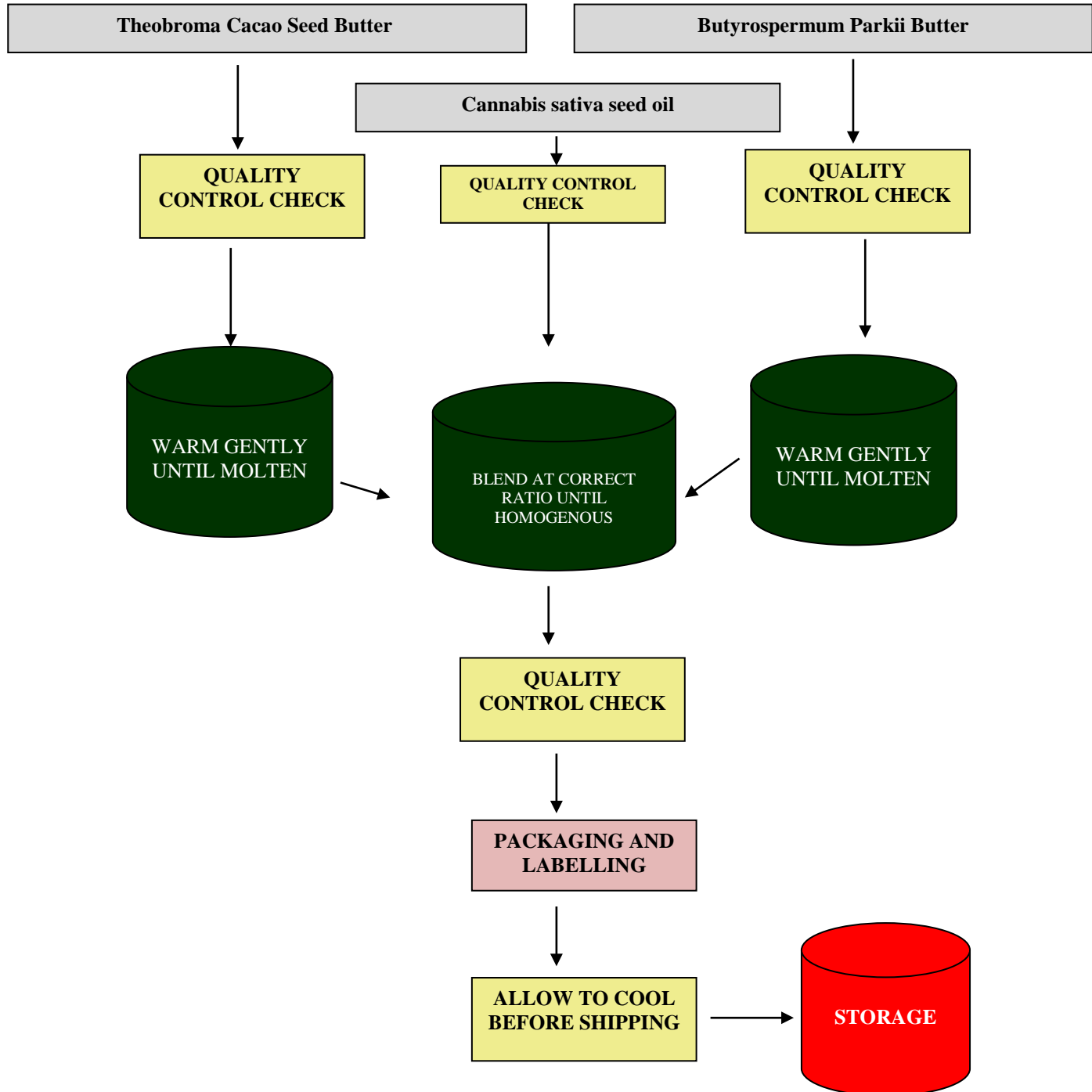


# Certificate of Analysis

PRODUCT DETAILS		
Product Name	HEMP SEED BLENDED BUTTER	
Product Code	BUTTHEMP	
INCI Name	BUTYROSPERMUM PARKII BUTTER, THEOBROMA CACAO SEED BUTTERV CANNABIS SATIVA SEED OIL	
Batch Number	4422301	
Best Before End	January 2023	
Identification	CAS No: N/A	EINECS No: N/A
PHYSICAL AND CHEMICAL CHARACTERISTIC		
	PRODUCT SPECIFICATION	RESULTS
Appearance	Solid fat, may liquefy	Conforms
Colour	Pale green to dark green	Conforms
Odour	Characteristic	Conforms
Flash Point °C	>300	Conforms
Free Fatty Acid (% as Oleic)	Max 1.75	0.54
Iodine value (mg/g)	62.1 - 82.7	ND
Peroxide Value (Meq/kg)	Max 10	2.7
Saponification Value (mgKOH/g)	175 - 194	ND
Acid Value (mgKOH/g)	Max 3.50	1.09
STORAGE AND SHELF LIFE		
Storage	Store in tightly closed container with minimum headspace in a cool, dark and dry place.	
Shelf Life	24 months unopened and stored as above.	

**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 users responsibility to satisfy himself as to the suitability of such information for his own particular use. Where MADAR Corporation make a declaration that allergenic material are not present in any product, this statement is made assuming reasonable levels of detection. It is impossible to guarantee the "absolute absence" of any material. **It is the ultimate responsibility of the customer to ensure the safety of the intended final product containing this material, by carrying out additional tests if necessary.**

## HEMP SEED BLENDED BUTTER FLOW CHART





**SAFETY DATA SHEET  
HEMP SEED BLENDED BUTTER**

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

**1.1. Product identifier**

<b>Product name</b>	HEMP SEED BLENDED BUTTER
<b>Product number</b>	BUTTHEMP
<b>Synonyms; trade names</b>	Butyrospermum Parkii Butter, Theobroma Cacao Seed Butter, Cannabis Sativa Seed Oil

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

<b>Identified uses</b>	Cosmetics
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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  
Hampshire  
SP6 1PA

Tel. +44 1425 655555 (Opening Hours 9am - 5pm)

e-mail [technical@madarcorporation.co.uk](mailto:technical@madarcorporation.co.uk)

**1.4. Emergency telephone number**

**SECTION 2: Hazards identification**

**2.1. Classification of the substance or mixture**

**Classification (EC 1272/2008)**

<b>Physical hazards</b>	Not Classified
<b>Health hazards</b>	Not Classified
<b>Environmental hazards</b>	Not Classified

**2.2. Label elements**

<b>Hazard statements</b>	NC Not Classified
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**2.3. Other hazards**

**SECTION 3: Composition/information on ingredients**

**3.1. Substances**

<b>Product name</b>	HEMP SEED BLENDED BUTTER
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# HEMP SEED BLENDED BUTTER

**Composition comments** Butyrospermum Parkii Butter CAS No; 194043-92-0 / 91080-23-8, EC No; 293-515-7, Not classed as a hazardous product  
Cannabis Sativa Seed Oil CAS No; 89958-21-4, EC No; 289-644-3, Not Classed as a Hazardous Product  
Theobroma Cacao Seed Butter CAS No; 8002-31-1, EC No; 283-480-6, Not classed as a hazardous product.

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

**Inhalation** Remove person to fresh air and keep comfortable for breathing. Get medical attention if any discomfort continues.

**Ingestion** Do not induce vomiting. Rinse mouth thoroughly with water. Get medical attention if any discomfort continues.

**Skin contact** Remove contaminated clothing immediately and wash skin with soap and water. Get medical attention if any discomfort continues.

**Eye contact** Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes. 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** Use alcohol-resistant foam, carbon dioxide or dry powder to extinguish.

**Unsuitable extinguishing media** For safety reasons do not use full water jet.

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

### 5.3. Advice for firefighters

## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

### 6.2. Environmental precautions

**Environmental precautions** Do not discharge into drains or watercourses or onto the ground.

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

**Methods for cleaning up** 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 remaining product with sand or other appropriate absorbent and remove. Dispose of product and contaminated absorbents in suitable containers, as directed in section 13.

### 6.4. Reference to other sections

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

**Usage precautions** Apply good manufacturing practice and industrial hygiene practices. Keep containers sealed when not in use. Provide adequate ventilation. Keep away from heat, sparks and open flame.

**Advice on general occupational hygiene** Do not eat, drink or smoke when using this product. Wash hands thoroughly after handling. Remove contaminated clothing and protective equipment before entering eating areas.

## HEMP SEED BLENDED BUTTER

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

**Storage precautions** Store in tightly-closed, original container in a dry, cool and well-ventilated place.

### 7.3. Specific end use(s)

#### SECTION 8: Exposure Controls/personal protection

##### 8.1. Control parameters

##### 8.2. Exposure controls

##### Protective equipment



**Appropriate engineering controls**

Provide adequate ventilation. Provide eyewash station

##### Personal protection

General protective and hygienic measures: Use personal protective equipment depending on concentration and amount of hazardous substance. Keep away from foodstuffs, beverages and feed. Immediately remove all soiled and contaminated clothing. Wash hands before breaks and at the end of work. Avoid contact with eyes and skin.

##### Eye/face protection

Approved safety goggles.

##### Hand protection

Chemical resistant gloves (PVC)

##### Other skin and body protection

Wear apron or protective clothing in case of contact.

##### Hygiene measures

Good personal hygiene procedures should be implemented.

##### Respiratory protection

Generally unnecessary in a well ventilated area.  
If ventilation is insufficient, respiratory protection must be worn.

##### Environmental exposure controls

Avoid discharging into drains.

#### SECTION 9: Physical and Chemical Properties

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

<b>Appearance</b>	Solid fat, may liquefy.
<b>Colour</b>	Pale Green. to Dark. Green.
<b>Odour</b>	Characteristic.
<b>Melting point</b>	24 - 30°C
<b>Flash point</b>	> 300°C

##### 9.2. Other information

#### SECTION 10: Stability and reactivity

##### 10.1. Reactivity

##### 10.2. Chemical stability

**Stability** Stable under the prescribed storage conditions.

##### 10.3. Possibility of hazardous reactions

##### 10.4. Conditions to avoid

##### 10.5. Incompatible materials

## HEMP SEED BLENDED BUTTER

### 10.6. Hazardous decomposition products

#### SECTION 11: Toxicological information

##### 11.1. Information on toxicological effects

Toxicological effects No data available.

#### SECTION 12: Ecological Information

##### 12.1. Toxicity

Toxicity No data available.

##### 12.2. Persistence and degradability

Biodegradation Expected to be readily biodegradable.

##### 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 waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

#### 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.

##### 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 Annex II of MARPOL 73/78 and the IBC Code Not applicable.

#### SECTION 15: Regulatory information

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

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

## HEMP SEED BLENDED BUTTER

### 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).

**Guidance** CHIP for everyone HSG228.

### 15.2. Chemical safety assessment

#### SECTION 16: Other information

**Revision date** 21/04/2017

**Revision** 1

**SDS number** 4911

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## Product Specification

PRODUCT DETAILS		
Product Name	HEMP SEED BUTTER	
Product Code	BUTTHEMP	
INCI Name	BUTYROSPERMUM PARKII BUTTER THEOBROMA CACAO SEED BUTTER CANNABIS SATIVA SEED OIL	
Tariff Number	15159040	
Natural Status	We hereby declare, to the best of our knowledge and from information received from our supplier, that this product is in accordance to the requirements of Articles 3 (2) (d) of Regulation (EC) 1334/2008 and therefore can be designated as natural.	
Food Grade Status	We confirm, from information received from our supplier, that this product conforms with EU Regulations and can be used in food.	
Kosher Certified	No	
Halal Certified	No	
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.	
Identification	CAS No: N/A	EINECS No: N/A
PHYSICAL AND CHEMICAL CHARACTERISTIC		
Appearance	Solid fat, may liquefy	
Colour	Pale green to dark green	
Odour	Characteristic	
Flash Point °C	>300	
Melting Point °C	24 - 30	
Free Fatty Acid (% as Oleic)	Max 1.75	
Iodine value (mg/g)	62.1 - 82.7	
Peroxide Value (Meq/kg)	Max 10	
Saponification Value (mgKOH/g)	175 - 194	
Acid Value (mgKOH/g)	Max 3.50	
FRAGRANCE ALLERGENS		
None Present		
FOOD ALLERGENS		
None Present		
IFRA		
None Present		
STORAGE AND SHELF LIFE		
Storage	Store in tightly closed container with minimum headspace in a cool, dark and dry place.	

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# Vegan and Vegetarian Statement

IDENTIFICATION	
Product:	Hemp Seed Blended Butter
Cas No:	N/A
EINECS No:	N/A
STATEMENT	
<p>We, MADAR Corporation Limited, from information received from our supplier, hereby declare that the material listed above is compliant with a vegan or vegetarian diet.</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>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>	