

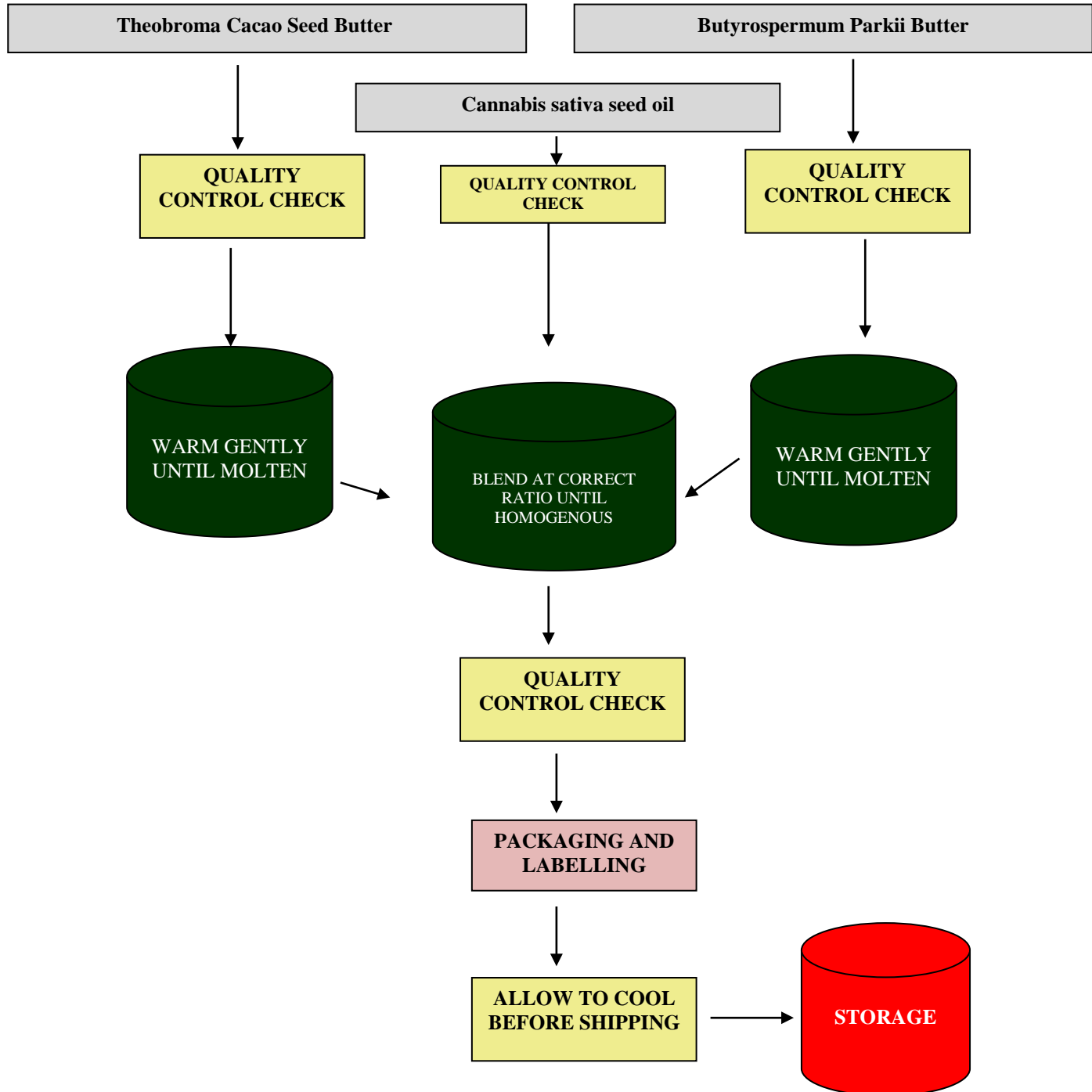


Certificate of Analysis

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	4321503	
Best Before End	April 2020	
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 1.25	0.43%
Iodine value (mg/g)	62.1 - 82.7	70.3
Peroxide Value (Meq/kg)	Max 10	1
Saponification Value (mgKOH/g)	175 - 194	181
Acid Value (mgKOH/g)	Max 2.50	0.85
STORAGE AND SHELF LIFE		
Storage	Store in tightly closed container with minimum headspace in a cool, dark and dry place.	

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

Product name HEMP SEED BLENDED BUTTER
Product BUTTHEMP
Synonyms, Trade Names 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

1.3. Details of the supplier of the safety data sheet

Supplier MADAR Corporation
19-20 Sandleheath Industrial Estate
Fordingbridge
Hampshire
SP6 1PA
UK
Approved sellers - Mystic Moments, New Directions, World of Moulds
Tel: +44 1425 653574 (Opening Hours 9am - 5pm)
sales@madarcorporation.co.uk

1.4. Emergency telephone number

SECTION 2: HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

Classification (EC 1272/2008)
Physical and Chemical Hazards Not classified.
Human health Not classified.
Environment Not classified.
Classification (67/548/EEC) Not classified.

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

2.2. Label elements

Label In Accordance With (EC) No. 1272/2008
No pictogram required.

2.3. Other hazards

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1. Substances

Product name HEMP SEED BLENDED BUTTER

SECTION 4: FIRST AID MEASURES

4.1. Description of first aid measures

Inhalation
Not a direct hazard
Ingestion
Immediately rinse mouth and drink plenty of water (200-300 ml). Get medical attention if any discomfort continues.
Skin contact
Generally no skin irritation to be expected. Wash with water and soap if necessary. Get medical attention if any discomfort continues.

HEMP SEED BLENDED BUTTER

Eye contact

Immediately flush with plenty of water for up to 15 minutes. Remove any contact lenses and open eyes wide apart. 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

Extinguishing media

Foam, carbon dioxide or dry powder.

Unsuitable extinguishing media

For safety reasons do not use full water jet.

5.2. Special hazards arising from the substance or mixture

Hazardous combustion products

Not known.

Specific hazards

When heated to decomposition, it emits acrid smoke as well as carbonmonoxide and carbondioxide.

5.3. Advice for firefighters

Special Fire Fighting Procedures

Cool down containers using water fog or spray jet. Interrupt inflow of product. Let the fire bur out under control or extinguish with alochol resistable foam or dry chemical powder.

Protective equipment for fire-fighters

See section 8

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Avoid contact with skin and eyes. Remove all sources of ignition. Provide adequate ventilation.

6.2. Environmental precautions

Do not discharge into drains, water courses or onto the ground. Spillages or uncontrolled discharges into watercourses must be IMMEDIATELY alerted to the Environmental Agency or other appropriate regulatory body.

6.3. Methods and material for containment and cleaning up

Provide ventilation and confine spill. Do not allow runoff to sewer. Sweep up. Transfer to suitable, labelled container for disposal. Clean spillage area thoroughly with plenty of water.

6.4. Reference to other sections

Wear protective clothing as described in Section 8 of this safety data sheet.

SECTION 7: HANDLING AND STORAGE

7.1. Precautions for safe handling

Apply good manufacturing practise and industrial hygiene practises, ensuring proper ventilation. Observe good personal hygiene and do not eat, drink or smoke whilst handling.

7.2. Conditions for safe storage, including any incompatibilities

Store in tightly closed original container in a dry, cool and well-ventilated place. Protect from light, including direct sunrays. Keep air contact to a minimum. Keep away from heat, sparks and open flame.

7.3. Specific end use(s)

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

8.2. Exposure controls

HEMP SEED BLENDED BUTTER

Protective equipment



Engineering measures

No special measures under normal conditions.

Respiratory equipment

No special measures under normal conditions.

Hand protection

Chemical resistant gloves (PVC)

Eye protection

Wear approved safety goggles.

Hygiene measures

Good personal hygiene practices are always advisable, especially when working with chemicals / oils.

Personal protection

Use personal protection according to Directive 89/686/EEC.

Skin protection

Wear apron or protective clothing in case of splashes.

Environmental Exposure Controls

Avoid discharging into drainage water. Only eliminate by authorised companies.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Appearance	Semi solid mass
Colour	Greenish.
Odour	Characteristic.
Flash point (°C)	>300

9.2. Other information

SECTION 10: STABILITY AND REACTIVITY

10.1. Reactivity

10.2. Chemical stability

Stable under normal temperature conditions.

10.3. Possibility of hazardous reactions

Not available.

10.4. Conditions to avoid

Avoid excessive heat, sparks or open flame.

10.5. Incompatible materials

Materials To Avoid

Strong acids, alkali or oxidising agents.

10.6. Hazardous decomposition products

On extreme heating, compounds of acrolein may occur.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

Toxicological information

This substance is a non toxic vegetable oil of edible quality.

HEMP SEED BLENDED BUTTER

Inhalation

May cause irritation to the respiratory system.

Ingestion

May cause discomfort if swallowed.

Skin contact

Skin irritation is not anticipated when used normally.

Eye contact

Irritation of eyes and mucous membranes.

Route of entry

Inhalation. Skin absorption. Ingestion. Skin and/or eye contact.

Target Organs

Eyes Gastro-intestinal tract Liver Respiratory system, lungs Skin Mucous membranes

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity

The product components are not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

12.1. Toxicity

12.2. Persistence and degradability

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

Dispose of waste and residues in accordance with local authority requirements.

SECTION 14: TRANSPORT INFORMATION

General

Not regulated.

14.1. UN number

14.2. UN proper shipping name

14.3. Transport hazard class(es)

14.4. Packing group

14.5. Environmental hazards

14.6. Special precautions for user

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

Tariff Number

1515901100

SECTION 15: REGULATORY INFORMATION

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

Tel: 01425653574 Email: michelle@madarcorporation.co.uk

HEMP SEED BLENDED BUTTER

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

Guidance Notes

CHIP for everyone HSG(108).

EU Legislation

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), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, including amendments.

15.2. Chemical Safety Assessment

SECTION 16: OTHER INFORMATION

SDS No.	20521
Date	17/06/2015
Risk Phrases In Full	
NC	Not classified.
Hazard Statements In Full	

Disclaimer

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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>	