



**CERTIFICATE OF ANALYSIS**  
**OLIVE BLENDED BUTTER**

Batch No: 4387206  
Best Before End: February 2022

Inci name: Olea europea oil- Hydrogenated vegetable oil –Butyrospermum parkii  
butter-Tocopherol

TEST	SPECIFICATION	ANALYSIS
Iodine Value (wijs)	40 - 75	64.0
Saponification Value (mg KOH/g)	140 - 180	154.6
Acid Value (mg KOH/g)	4.0 maximum	1.1
Melting Point (celcius)	44 – 54	50.0°C
Dropping Point (°C)	45 – 55	50.0°C
Solidification Point (°C)	42 – 52	49.0°C

FATTY ACID COMPOSITION (%)		
C16:0 Palmitic	8 - 12	9.78
C18:0 Stearic	3.5 maximum	2.46
C18:1 Oleic	65 - 80	75.10
C18:2 Linoleic	6 - 14	10.35
C20:0 Arachidic	0.6 maximum	0.28

## ALLERGENS DECLARATION

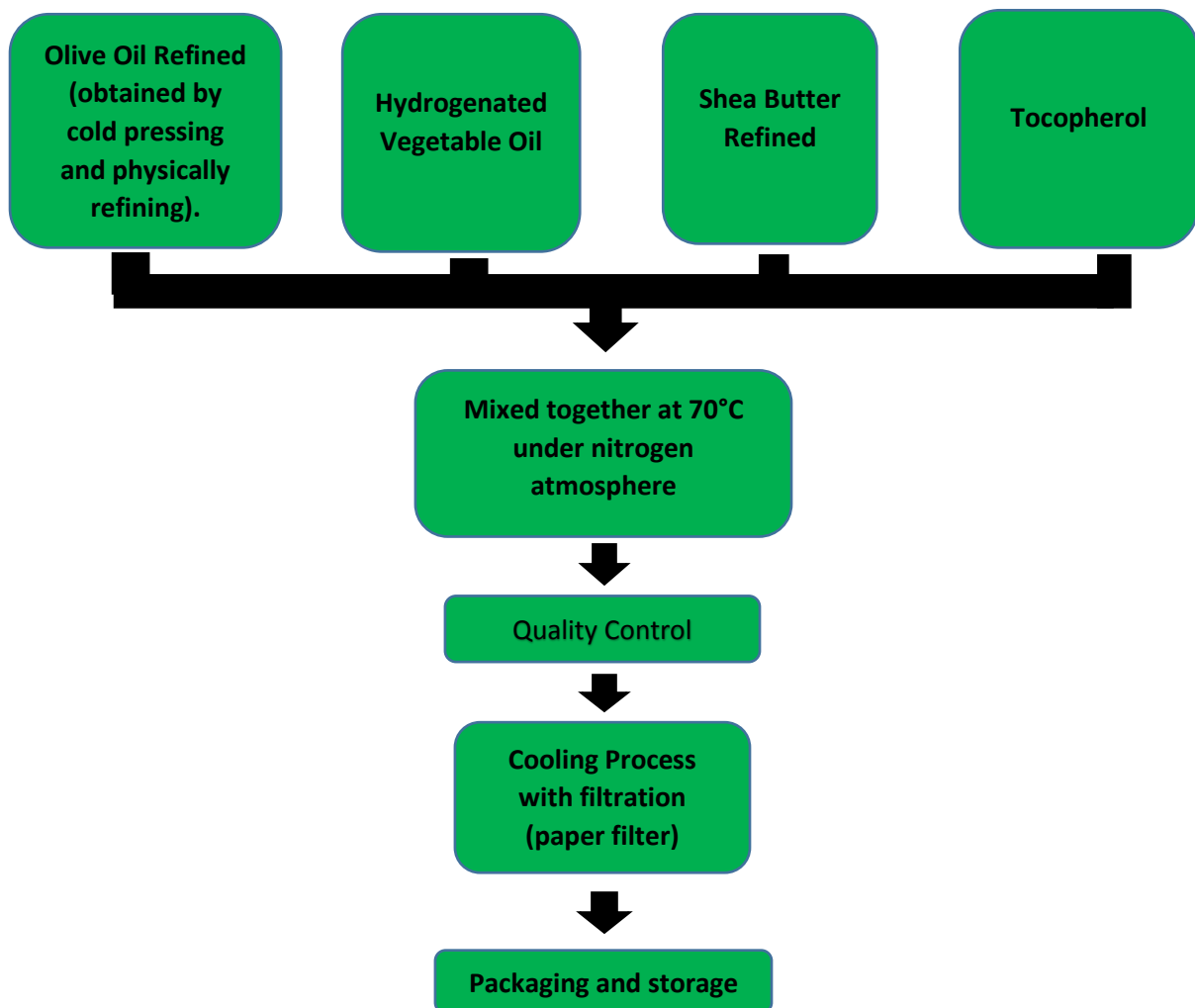
<b>Product Name</b>	Olive Blended Butter				
<b>INCI Name</b>	Olea europaea fruit oil - Hydrogenated vegetable oil - Butyrospermum Parkii Butter - Tocopherol				
<b>Date</b>	10/08/2016	<b>Product Code</b>	BUTTOLIV	<b>Revision</b>	1

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

**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.

## Manufacturing Flow Chart

Product Name	Olive Butter
Date	02.01.2018





Document Date:

March 2019

**STATEMENT**

We hereby certify that **Olive Butter** is free of genetically modified materials and components. No ingredients, additives or processing aids of GM origin are used in the processing and purifying of the oil.



## MATERIAL SAFETY DATA SHEET

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

1:1-Product Identifiers:					
Product name		Olive Blended Butter			
Biological Definition		Olive butter is the butter obtained from cold pressed olives.			
INCI Name		Olea europaea fruit oil -Hydrogenated Vegetable Oil – Butyrospermum Parkii Butter -Tocopherol			
Synonyms & Trade Names		-			
Reach Registration Number		Exempt from registration ex Annex V, paragraph 9			
FEMA No.	-	FDA No.	-	CoE No.	-
CAS-No	8001-25-0/ 68334-28-1/ 194043-92-0/ 10191-41-0	EC No.	-	EINECS No.	232-277-0/ 269- 820-6/ 293-515- 7/ 233-466-0

1:2 – Relevant Identified Uses of the substance or mixture and uses advised against:	
Identified Uses	Cosmetic
1:3 – Details of the supplier of the Safety data sheets.	
Company Name	<b>MADAR Corporation Limited</b> <b>19-20 Sandleheath Industrial Estate, Fordingbridge,</b> <b>Hampshire, SP6 1PA</b> Email: <a href="mailto:sales@madarcorporation.co.uk">sales@madarcorporation.co.uk</a> Tel: 01425 655555 Approved Sellers: Cosmetic Butters, Mystic Moments, New Directions, World of Moulds
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	Label not required – Not classified substance
2:3 - Other hazards	



## MATERIAL SAFETY DATA SHEET

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**

3:1 - Substances	
Substances	Ttriglycerides of vegetable origin
3:2 - Mixtures	
Mixtures	No additional data available

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

4:1 – Description of first aid measures	
Ingestion	Not considered dangerous. In high dosage Seek medical attention.
Skin Contact	Wash off with soap and plenty of water.
Eye Contact	Flush eyes with plenty of water. Seek medical attention if any irritation persists.
4:2 – Most important symptoms and effects, both acute and delayed	
Symptoms and effects	No additional data available
4:3 – Indication of any immediate medical attention and special treatment needed	
Special requirements	No additional data available

## MATERIAL SAFETY DATA SHEET

### **05. FIRE-FIGHTING MEASURES**

<b>5:1 - Extinguishing Media</b>	
Suitable extinguishing Media	Sand, Foam, Carbon dioxide or dry powder.
Unsuitable extinguishing Media-DO NOT USE	No additional data available
<b>5:2 - Special Hazards arising from substance or mixture</b>	
Specific hazards	None identified.
<b>5:3 – Advice for firefighters</b>	
Special firefighting procedures/ protective actions.	Use self -contained breathing apparatus in conditions of thick smoke, cool containers at risk with water spray jet.

### **06. ACCIDENTAL RELEASE MEASURES**



<b>6:1 - Personal Precautions, protective equipment and emergency procedures.</b>	
Personal precautions	Wear protective clothing
<b>6:2 - Environmental Precautions</b>	
Environmental Precautions	Do not discharge into drains, surface or ground water.
<b>6:3 – Methods and materials for containment and cleaning up</b>	
Spill Clean Up Methods	Recuperate the spilled product. Wash with water and detergent. Recuperate all material in a suitable container for disposal.
<b>6:4 – Reference to other sections</b>	
Reference to other sections	Section 8 – Exposure controls/ personal protection for further information on personal precautions, Section 13 – Disposal considerations for further information on waste treatment.

## MATERIAL SAFETY DATA SHEET

### **07. HANDLING AND STORAGE**

<b>7:1 – Precautions for safe handling</b>	
Usage precautions	Observe good industrial hygiene practices. Wear gloves, eye protection and protective clothing
<b>7:2 – Conditions for safe Storage including any incompatibilities</b>	
Storage Precautions	Store in a cool dry place in unopened containers. Do not expose containers to source of heat.
Suitable Packaging	No additional data available
<b>7:3 – Specific end use (s)</b>	
End Uses	No additional data available

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

<b>8:1 – Control parameters</b>	
Components with workplace control parameters	No additional data available
<b>8:2 – Exposure controls</b>	
Protective Equipment	 
Process conditions	No additional data available
Engineering Measures	No additional data available
Respiratory Equipment	No additional data available
Hand Protection	Gloves- felt like and resistant to mineral oils
Eye Protection	Use good industrial practise to avoid eye contact



## MATERIAL SAFETY DATA SHEET

Other Protection	No additional data available
Hygiene Measures	No eating, drinking or smoking with the hands soiled by the product. Wash the hands before going to the toilet. Not to dry hands with dirty or greasy rags. Change clothes if they are impregnated and in any case at the end of work shift. Wash with water and soap; not to use irritating products or solvents which pickle the sebaceous coating of the skin.
Personal protection	In confined atmosphere: Aspiration in the case of formation of fogs; a protective screens, for operations being able to cause stains.
Skin protection	Clothing with long sleeves and gloves felt like and resistant to mineral oils
Environmental exposure controls	No additional data available

### **09. PHYSICAL AND CHEMICAL PROPERTIES**

<b>9:1 - Information on basic physical and chemical properties.</b>	
Appearance	Solid
Colour	Yellowish
Odour	No additional data available
Density	~0.9 g/cc
Flash Point (°C)	200 in closed vase
Refractive Index	No additional data available
Melting Point (°C)	44-54
Boiling Point (°C)	No additional data available
Vapour Pressure	No additional data available
Solubility in Water @20°C	Not soluble in water, Soluble in solvents
Auto-ignition temperature (°C)	No additional data available
<b>9:2 - Other information</b>	
Other Information	No additional data available

### **10. STABILITY AND REACTIVITY**

<b>10:1- Reactivity</b>	
Reactivity	Dangerous reactions are not noted

## MATERIAL SAFETY DATA SHEET

<b>10:2 - Chemical stability</b>	
Stability	Stable product
<b>10:3 - Possibility of hazardous reactions</b>	
Possible hazardous reactions	No hazardous reactions identified
<b>10:4 - Conditions to avoid</b>	
Conditions to Avoid	Product becomes rancid on extended exposure to air.
<b>10:5 – Incompatible materials</b>	
Incompatible materials	Strong bases: the mixture with such substances generates exothermic reactions of hydrolysis
<b>10:6 - Hazardous Decomposition Products</b>	
Hazardous Decomposition Products	Can endanger gaseous substances as volatile carbon monoxide or hydrocarbons.
Other Information	Do not give place to polymerizations. Not to put in contacts with free oxigene.

### **11. TOXOLOGICAL INFORMATION**

<b>11:1 Information on toxicological effects</b>	
Acute Toxicity	On the basis of information and our experiment available, the product is not harmful for health if it is handled correctly and used in accordance with the standards. The substance does not have the obligation of classification on the basis of list of the C.E.E.

### **12. ECOLOGICAL INFORMATION**

<b>12:1- Toxicity</b>	
Ecotoxicity	The substance while being water insoluble could if it is versed in big quantity, harmful to the marine ecosystem while preventing by the formation of a surface layer, the right oxygenation of the water of its flora and its fauna.
<b>12:2 - Persistence &amp; degradability</b>	
Persistence & degradability	Preparation biodegradable, in phase of decomposition it does not develop dangerous matters. To use in the second place good practices of work, while avoiding dispersing the product in the natural environment.

## MATERIAL SAFETY DATA SHEET

### 12:3 - Bioaccumulative Potential

Bioaccumulative Potential	No additional data available.
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### 12:4 – Mobility in soil

Mobility	No additional data available.
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### 12:5 – Results of PBT and vPvB assessment

PBT Assessment Results	No additional data available.
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### 12:6 Other adverse effects

Precautions	No additional data available.
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## **13. DISPOSAL CONSIDERATIONS**

### 13:1 Waste treatment methods

Disposal Methods	The disposal should be in accordance with all applicable regulations. Do not discharge into drains, surface and ground water. Do not reject waters of wash in the natural environment or the sewers.
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## **14. TRANSPORT INFORMATION**

Warning Icon	Not dangerous goods according to transport legislation.
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### 14:1 – UN Number

UN No Road – ADR/RID/ADN	Not required
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UN No Sea- IMDG	Not required
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UN No Air – ICAO	Not required
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### 14:2 – UN proper shipping name

Road – ADR/RID/ADN	Not required
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## MATERIAL SAFETY DATA SHEET

Sea- IMDG	Not required
Air - ICAO	Not required
<b>14:3 – Transport Hazard class (es)</b>	
Road – ADR/RID/ADN	Not required
Sea- IMDG	Not required
Air- ICAO	Not required
<b>14:4 - Packaging group</b>	
Road – ADR/RID/ADN	Not required
Sea- IMDG	Not required
Air - ICAO	Not required
<b>14:5 – Environmental hazard</b>	
Environmentally hazardous substance/ marine pollutant.	No additional data available
<b>14:6 - Special precautions for user</b>	
Precautions	No additional data available
<b>14:7 – Transport in bulk according to Annex II of MARPOL 73/79 and the IBC code</b>	
	No additional data available

### **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



## MATERIAL SAFETY DATA SHEET

	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	11.08.2016
Rev No/Repl, SDS Generated	3
Change Description	Updated to new MSDS format
Changes made by	M Cole
Review Date	11.08.2018
Risk Phrases in Full	None
Hazard Statements in Full	None
Other Information	None



## MATERIAL SAFETY DATA SHEET

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## PRODUCT SPECIFICATION

<b>Product Name</b>	<b>Olive Blended Butter</b>				
<b>Date</b>	11/08/2016	<b>Product Code</b>	BUTTOLIV	<b>Rev</b>	3
<b>Reason for Revision</b>	Updated to comply to Suppliers Specification				

<b>Description</b>	Olive butter is the butter obtained from cold pressed olives.				
<b>Appearance</b>	Solid Butter – Yellowish in Colour				
<b>Origin</b>	Italy, Spain				
<b>Application</b>	Cosmetic				
<b>Function</b>	Olive butter has excellent spreadability and can be used as a massage butter, It can be added to soap, creams, lotions, lip balms, body butters, hair pomades, bath bombs and more.				
<b>INCI Name</b>	Olea europaea fruit oil -Hydrogenated Vegetable Oil – Butyrospermum Parkii Butter -Tocopherol				
<b>EINECS Number</b>	232-277-0/ 269-820-6/ 293-515-7/ 233-466-0				
<b>CAS Number</b>	8001-25-0/ 68334-28-1/ 194043-92-0/ 10191-41-0	<b>EC Number</b>	-		

### TEST SPECIFICATION

Analytical Test	Method	Specification Range
Acid Value(mg KOH/g)	NF T 60-204	<4
Dropping Point °C	NF T 60-102	45-55
Melting Point °C	NF T 60-121	44-54
Solidification Point °C	NF T 60-128	42-52
Iodine Value grI <sub>2</sub> /100g	NF ISO 3961	40-75
Saponification Value mgKOH/g	NF T 60-206	140-180
Shelf life	12 months minimum in cool conditions in unopened container.	

### TYPICAL FATTY ACID PROFILE

C14:0 Myristic Acid %	≤1.0
C16:0 Palmitic Acid %	8.0-12.0
C16:1 Palmitoleic Acid %	≤2.5
C17:0 Margaric Acid %	≤0.1
C17:1 Margaroleic Acid %	≤0.1
C18:0 Stearic Acid %	≤3.5
C18:1 Oleic Acid %	65.0-80.0
C18:2 Linoleic Acid %	6.0-14.0



## PRODUCT SPECIFICATION

C18:3 Alpha Linolenic Acid %	≤1.0
C20:0 Arachidic Acid %	≤0.6
C20:1 Eicosenoic Acid %	≤0.5
C22:0 Behenic Acid %	≤0.2
C22:1 Erucic Acid	Tr.

### STORAGE

Cool conditions in unopened containers

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**Document Date: March 2019**

**STATEMENT**

We hereby confirm that Olive Butter conforms to the vegan requirements.

It is obtained from vegetable origin ingredient only.

It does not contain any ingredients of animal origin within any part of the production process and are also free of animal testing.