



CERTIFICATE OF ANALYSIS
OLIVE BLENDED BUTTER

Batch No: 4374817
Best Before End: October 2022

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

TEST	SPECIFICATION	ANALYSIS
Iodine Value (wijs)	40 - 75	57.9
Saponification Value (mg KOH/g)	140 - 180	173.4
Acid Value (mg KOH/g)	4.0 maximum	1.9
Melting Point (celcius)	44 – 54	47.0°C
Dropping Point (°C)	45 – 55	52.0°C
Solidification Point (°C)	42 – 52	46.0°C

FATTY ACID COMPOSITION (%)		
C16:0 Palmitic	8 - 12	9.70
C18:0 Stearic	3.5 maximum	2.75
C18:1 Oleic	65 - 80	74.55
C18:2 Linoleic	6 - 14	10.87
C20:0 Arachidic	0.6 maximum	0.24

ALLERGENS DECLARATION

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

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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	MADAR Corporation Limited 19-20 Sandleheath Industrial Estate, Fordingbridge, Hampshire, SP6 1PA Email: sales@madarcorporation.co.uk 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

5:1 - Extinguishing Media	
Suitable extinguishing Media	Sand, Foam, Carbon dioxide or dry powder.
Unsuitable extinguishing Media-DO NOT USE	No additional data available
5:2 - Special Hazards arising from substance or mixture	
Specific hazards	None identified.
5:3 – Advice for firefighters	
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



6:1 - Personal Precautions, protective equipment and emergency procedures.	
Personal precautions	Wear protective clothing
6:2 - Environmental Precautions	
Environmental Precautions	Do not discharge into drains, surface or ground water.
6:3 – Methods and materials for containment and cleaning up	
Spill Clean Up Methods	Recuperate the spilled product. Wash with water and detergent. Recuperate all material in a suitable container for disposal.
6:4 – Reference to other sections	
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

7:1 – Precautions for safe handling	
Usage precautions	Observe good industrial hygiene practices. Wear gloves, eye protection and protective clothing
7:2 – Conditions for safe Storage including any incompatibilities	
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
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	No additional data available
8:2 – Exposure controls	
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

9:1 - Information on basic physical and chemical properties.	
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
9:2 - Other information	
Other Information	No additional data available

10. STABILITY AND REACTIVITY

10:1- Reactivity	
Reactivity	Dangerous reactions are not noted

MATERIAL SAFETY DATA SHEET

10:2 - Chemical stability	
Stability	Stable product
10:3 - Possibility of hazardous reactions	
Possible hazardous reactions	No hazardous reactions identified
10:4 - Conditions to avoid	
Conditions to Avoid	Product becomes rancid on extended exposure to air.
10:5 – Incompatible materials	
Incompatible materials	Strong bases: the mixture with such substances generates exothermic reactions of hydrolysis
10:6 - Hazardous Decomposition Products	
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

11:1 Information on toxicological effects	
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

12:1- Toxicity	
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.
12:2 - Persistence & degradability	
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
14:3 – Transport Hazard class (es)	
Road – ADR/RID/ADN	Not required
Sea- IMDG	Not required
Air- ICAO	Not required
14:4 - Packaging group	
Road – ADR/RID/ADN	Not required
Sea- IMDG	Not required
Air - ICAO	Not required
14:5 – Environmental hazard	
Environmentally hazardous substance/ marine pollutant.	No additional data available
14:6 - Special precautions for user	
Precautions	No additional data available
14:7 – Transport in bulk according to Annex II of MARPOL 73/79 and the IBC code	
	No additional data available

15. REGULATORY INFORMATION

15:1 – Safety, health and environmental regulations/ legislation specific for the substance or mixture.	
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 th Dec 2006



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	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.
15:2 Chemical Safety assessment	
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



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PRODUCT SPECIFICATION

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

Description	Olive butter is the butter obtained from cold pressed olives.				
Appearance	Solid Butter – Yellowish in Colour				
Origin	Italy, Spain				
Application	Cosmetic				
Function	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.				
INCI Name	Olea europaea fruit oil -Hydrogenated Vegetable Oil – Butyrospermum Parkii Butter -Tocopherol				
EINECS Number	232-277-0/ 269-820-6/ 293-515-7/ 233-466-0				
CAS Number	8001-25-0/ 68334-28-1/ 194043-92-0/ 10191-41-0	EC Number	-		

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 ₂ /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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