



CERTIFICATE OF ANALYSIS
ORGANIC APRICOT KERNEL OIL

Batch No: 4357004
Best Before End: April 2021

Description: A pale yellow liquid.
Odour: Free from rancid or foreign odours.

TEST	SPECIFICATION	ANALYSIS
Specific Gravity @ 20°C	0.905 – 0.925	0.917
Refractive Index @ 20°C	1.460 – 1.480	1.471
Acid Value (mgKOH/g)	2.5 maximum	0.04
Peroxide Value (meqO ₂ /kg)	15.0 maximum	0.07
Iodine Value	90 - 115	98.3
Moisture	0.1% maximum	Complies

FATTY ACID PROFILE (%)		
C16:0 Palmitic	≤ 9.0	5.1
C16:1 Palmitoleic	2.0 maximum	0.2
C18:0 Stearic	≤ 5.5	3.3
C18:1 Oleic	50.0 – 75.0	65.8
C18:2 Linoleic	20.0 – 35.0	23.0
C18:3 Alpha Linolenic	1.5 maximum	0.5

ALLERGENS DECLARATION

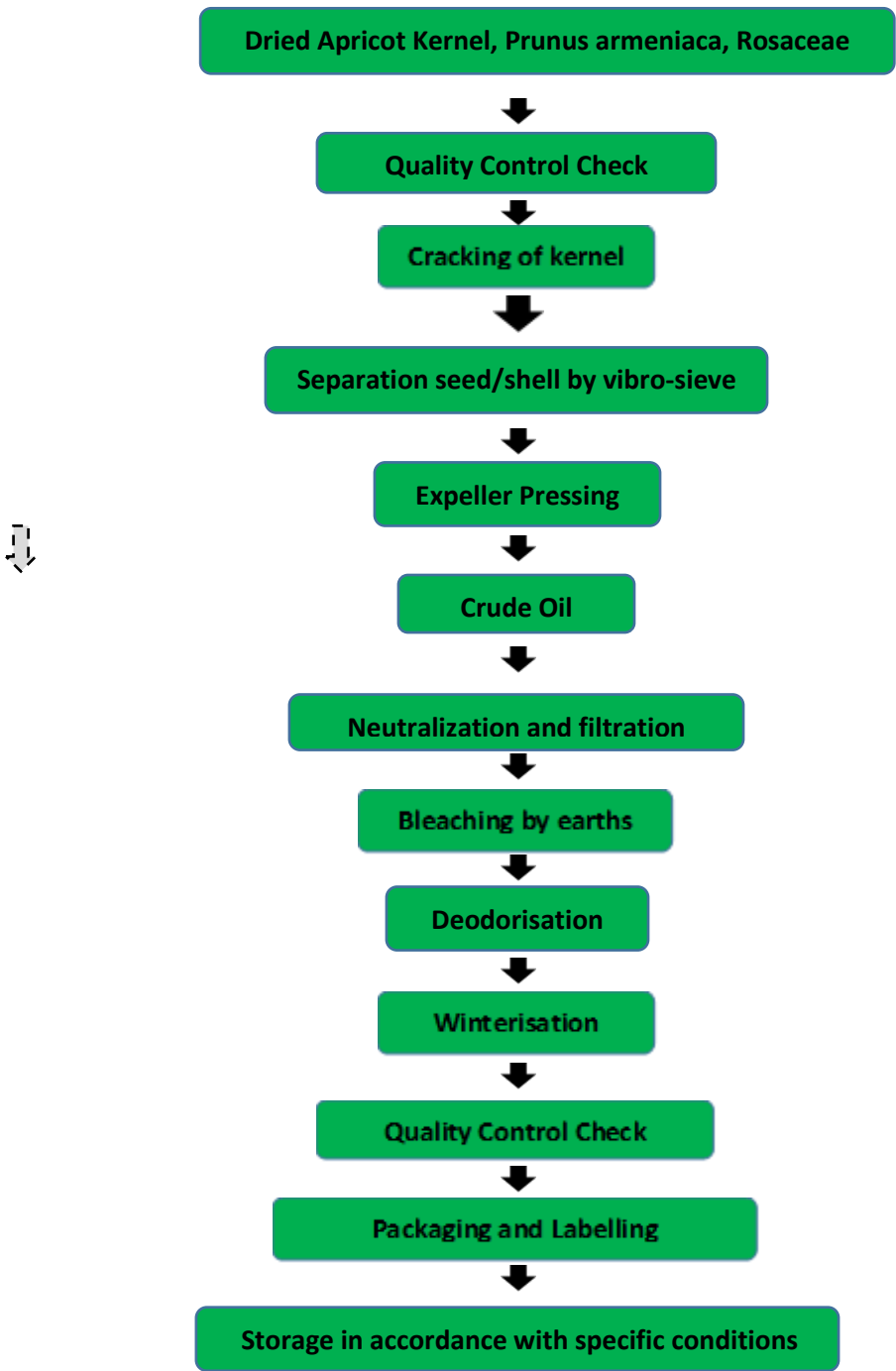
Product Name	Organic Apricot Kernel Oil			
INCI Name	Prunus Armeniaca Kernel Oil			
Date	05/10/2016		OVCAPRI	Revision 1

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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Manufacturing Flow Chart

Product Name	Apricot Kernel Organic
Date	04.08.2017



MATERIAL SAFETY DATA SHEET

01. IDENTIFICATION OF THE SUBSTANCE/PREPARATION & THE COMPANY/UNDERTAKING

Product Name	Organic Apricot Kernel Oil				
Biological Definition	Prunus Armeniaca Kernel Oil is the fixed oil expressed from the kernels of the apricot, Prunus armeniaca, Rosaceae. It consists primarily of the glycerides of the fatty acids				
INCI Name	Prunus Armeniaca Kernel Oil				
Synonyms & Trade Names	-				
Supplier	MADAR Corporation Limited 19-20 Sandleheath Industrial Estate, Fordingbridge, Hampshire SP6 1PA Approved Sellers: Mystic Moments, New Directions, World of Moulds				
Reach Registration Number <small>(According to EU Reg 1907/2006)</small>	-				
FEMA No.	-	FDA No.	-	CoE No.	-
CAS-No	68650-44-2 / 72869-69-3	EC No.	272-046-1 / -	EINECS No.	272-046-1 / -

02. HAZARDS IDENTIFICATION

Classification (1999/45)	Not classed as a hazardous substance.
Classification (EC 1272/2008)	Not classed as a hazardous substance.
Label in accordance with (EC) No 1272/2008	None
Signal Word	None
Contains	Contains no hazardous substances
Hazard Statements	None
Precautionary Statements	None
Supplementary Precautionary Statements	None
PBT or vPvB according to Annex XIII	Not applicable
Adverse physio-chemical properties	None
Adverse effects on human health	None

03. COMPOSITION/INFORMATION ON INGREDIENTS

100% Prunus Armeniaca Kernel Oil - not classed as a hazardous product

04. FIRST AID MEASURES

Inhalation	Move the exposed person to fresh air at once. Seek medical attention if any discomfort continues.
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MATERIAL SAFETY DATA SHEET

Ingestion	No adverse affects expected under normal conditions of handing. Seek medical attention if any discomfort occurs.
Skin Contact	Remove contaminated clothing. Wash skin with soap and water. Seek medical attention if any discomfort continues.
Eye Contact	Immediately flush with plenty of water for up to 15 minutes. Remove any contact lenses and open eyes wide apart. Seek medical attention if discomfort continues. Continue to rinse.

05. FIRE-FIGHTING MEASURES

Extinguishing Media	Extinguishing media: Carbon dioxide (CO ₂). Dry Chemical Powder. Foam. Water fog. Unsuitable extinguishing media: water spray.
Specific Hazards	Fine oil mists may be hazardous. On extreme long heating at high temperature gaseous components occur of acrolein variety.
Protective Measures in Fire	Standard measures in line with fire regulations. Closed containers may build up pressure when exposed to heat and should be cooled with water spray. Wear protective clothing. Avoid inhalation of vapours.

06. ACCIDENTAL RELEASE MEASURES

Personal Precautions	Use protective gloves, goggles and suitable protective clothing. In case of spills, beware of slippery floors and surfaces.
Environmental Precautions	Do not discharge into drains, water courses or onto the ground. Dispose of in line with Local authority guidelines.
Spill Clean Up Methods	Soak up spillage with sand or other inert material. Transfer soaked material to suitable waste container and dispose according to prevailing regulations. If spillage on water occurs; Since the density of oil is lower than water, it will appear on the surface. The fat can be scraped off the surface. Disposal according to UK/EU Environmental regulations

07. HANDLING AND STORAGE

Usage Precautions	Apply good manufacturing practice & industrial hygiene practices, ensuring proper workplace ventilation. Observe good personal hygiene, and do not eat, drink or smoke whilst handling.
Storage Precautions	Store in tightly closed original container, in a cool (max room temperature) dry & ventilated area away from heat sources. Protect from freezing and direct sunlight. Keep air contact to a minimum. Intrusion into the soil to be avoided.

08. EXPOSURE CONTROLS/PERSONAL PROTECTION

Protective Equipment	
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MATERIAL SAFETY DATA SHEET

Engineering Measures	Provide adequate ventilation.
Respiratory Equipment	Use adequate ventilation
Hand Protection	If handling hot oil: Use chemically resistant gloves if there is a risk of direct contact or splashing
Eye Protection	If handling hot oil: Wear safety goggles or face shield if risk of splashing.
Other Protection	Slip proof shoes may be worn in event of spillages.
Hygiene Measures	Good personal hygiene practices are always advisable, especially when working with chemicals / oils.
Personal protection	If handling hot oil: Wear appropriate clothing to prevent possibility of skin contact.
Skin protection	If handling hot oil: Wear appropriate clothing to prevent possibility of skin contact.
Environmental exposure controls	Avoid discharging into drainage water.

09. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Clear, pale yellow to yellow liquid
Colour	Pale yellow to yellow
Odour	Characteristic
Relative Density	0.910 - 0.920 @ 20°C
Flash Point (°C)	No additional data available.
Refractive Index	1.469 - 1.477 @ 20°C
Melting Point (°C)	No additional data available.
Boiling Point (°C)	>100°C
Vapour Pressure	No additional data available.
Solubility in Water @20°C	Insoluble in water. Soluble in vegetable oils.
Auto-ignition temperature (°C)	No additional data available.

10. STABILITY AND REACTIVITY

Reactivity	Generally stable, becomes rancid on prolonged exposure to air. Formation of free fatty acids. It presents no significant reactivity hazards, by itself or in contact with water.
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MATERIAL SAFETY DATA SHEET

Stability	Stable under the recommended handling and storage conditions.
Conditions to Avoid	High temperature near flash point. Acrolein may be formed on extreme heating.
Materials to Avoid	Avoid contact with strong acids, alkalis and oxidising agents
Hazardous Decomposition Products	Does not decompose at proper handling.

11. TOXOLOGICAL INFORMATION

Acute Toxicity	Non Toxic Product
Skin corrosion / irritation	Non Toxic Product
Serious eye damage / irritation	Non Toxic Product
Respiratory or skin sensitisation	Non Toxic Product
Germ Cell Mutagenicity	Non Toxic Product
Carcinogenicity	Non Toxic Product
Reproductive toxicity	Non Toxic Product
STOT-single exposure	No additional data available
STOT-repeated exposure	No additional data available
Aspiration hazard	No additional data available
Photo-toxicity	Not photo toxic
Other Information	None

MATERIAL SAFETY DATA SHEET

12. ECOLOGICAL INFORMATION

Ecotoxicity	No additional data available
Mobility	No additional data available
Persistence & Biodegradability	Readily biodegradable
Bioaccumulation Potential	No additional data available
PBT Assessment Results	No additional data available
Precautions	Do not allow product to enter streams, sewers or other waterways.

13. DISPOSAL CONSIDERATIONS

Disposal Methods	Collect and dispose of waste product in accordance with local authority guidelines. Product remainders should not intrude soil or waters.
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14. TRANSPORT INFORMATION

Transport hazard class(es)	Not bound by transport regulations
Proper Shipping Name	Not bound by transport regulations
UN No. Road	Not bound by transport regulations
UN No. SEA	Not bound by transport regulations
UN No. AIR	Not bound by transport regulations
Packing group	Not bound by transport regulations
Environmental hazards	No hazard label necessary – non hazardous product
Special precautions for user	See sections 6 - 8

MATERIAL SAFETY DATA SHEET

15. REGULATORY INFORMATION

EU Directives	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
Statutory Instruments	The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (S.I 2009 No. 716).
Guidance Notes	Workplace Exposure Limits EH40. CHIP for everyone HSG(108).

16. OTHER INFORMATION

Revision Date	19.11.2015
Rev No/Repl, SDS Generated	3
Risk Phrases in Full	None
Hazard Statements in Full	None

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PRODUCT SPECIFICATION

Product Name		Apricot Kernel Oil Refined Organic			
Date	19/11/2015	Product Code	OVCAPRI	Rev	9
Description	Apricot Kernel Oil Refined Organic				
Appearance	Clear liquid pale yellow to yellow				
Odour	Characteristic				
Customs Tariff Number	-				
Origin	EU, Mainly Italy				
Application	-				
Function	Masking, Skin conditioning				
INCI Name	Prunus Armeniaca Kernel oil				
CAS Number	68650-44-2 / 72869-69-3	EC Number	272-046-1		

TEST SPECIFICATION

Analytical Test	Specification Range
Colour (Lovibond 5.25" Cell)	≤30y, 3.0r
Refractive Index @ 20°C	1.469 – 1.475
Specific Gravity @ 15.5°C (g/ml)	0.910 – 0.920
Free Fatty Acid (% As Oleic)	≤ 1.0
Iodine Value (mg/g)	90.0 – 115.0
Peroxide Value (Meq/Kg)	≤ 5.0 (at time of production analysis)
Saponification Value (mgKOH/g)	185.0 – 195.0
Unsaponifiable Matter (%)	≤ 2.0
Acid Value (mgKOH/g)	≤ 2.0
Fatty Acid Profile (%)	
C 16:0 Palmitic	3.0 – 8.0
C 16:1 Palmitoleic	≤ 1.4
C 18:0 Stearic	0.5 – 3.0
C 18:1 Oleic	55.0 – 70.0
C 18:2 Linoleic	20.0 – 35.0
C 18:3 Linolenic	≤ 1.0
C 20:0 Arachidic	≤ 0.5
C 20:1 Eicosenoic	≤ 0.3
C 22:0 Behenic	≤ 0.5
C 24:0 Lignoceric	≤ 0.5

STORAGE

Store product in full, tightly closed containers in a cool dry place away from heat and sunlight.



PRODUCT SPECIFICATION

STABILITY

When stored for more than 24 months, quality should be checked before use.

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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.



Vegetarian & Vegan Suitability Statement

PRODUCT NAME: Apricot Kernel Organic Oil

MADAR Corporation Limited can confirm that the above listed product has not been tested in animals and does not contain dairy or any other animal product, by product or derivative and is therefore suitable for vegetarian and vegan use.

26/02/19