



CERTIFICATE OF ANALYSIS
RASPBERRY SEED VIRGIN

Batch No: 4363504
Best Before End: June 2020

Appearance: Dark yellow to orange brilliant clear liquid. Oil contains natural waxes which may cause it to appear hazy at room temp.

Odour: Characteristic, light & pleasant.

TEST	SPECIFICATION	ANALYSIS
Free Fatty Acid Value	5.0 maximum	2.5
Acid Value	2.5 maximum	1.25
Peroxide Value (meqO ₂ /kg)	20.0 maximum	7.4
Saponification Value	150 - 205	177.0
Specific Gravity @ 20°C	0.920 – 0.940	0.930
Refractive Index @ 20°C	1.470 – 1.450	1.485

FATTY ACID PROFILE (%)		
C16:0 Palmitic Acid	2.0 – 5.0	3.0
C18:0 Stearic Acid	3.0 maximum	1.0
C18:1 Oleic Acid	6.0 – 16.0	12.5
C18:2 Linoleic Acid	48.0 – 59.0	51.3
C18:3 Alpha Linolenic Acid	22.0 – 33.0	31.6
C20:0 Arachidic Acid	1.0 maximum	0.1
C20:1 Eicosenoic Acid	0.5 maximum	0.1

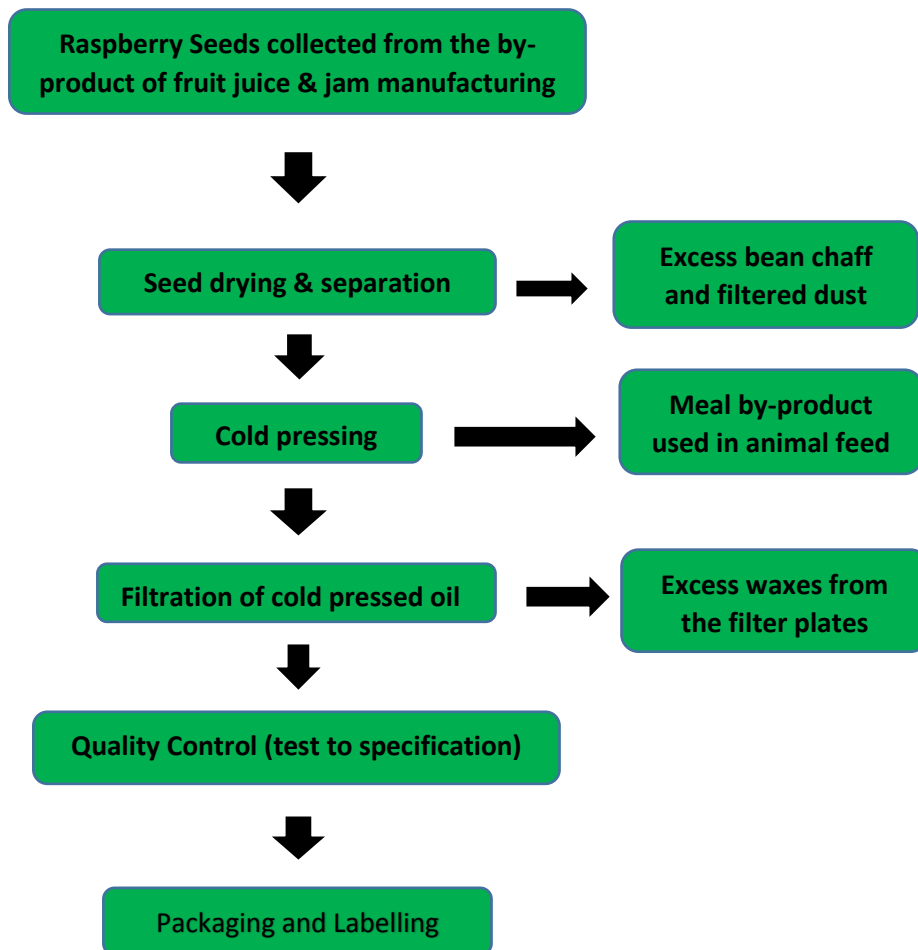
ALLERGENS DECLARATION

Product Name	Raspberry Seed Virgin				
INCI Name	-				
Date	25/08/2016	Product Code	OVRASP	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	-

Manufacturing Flow Chart

Product Name	Raspberry Seed Virgin
Date	03.07.2018





Document Date:

April 2018

STATEMENT

We hereby certify that Raspberry Seed Oil Cold Pressed, 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		Raspberry Seed Virgin			
Biological Definition		A golden yellow oil, practically odourless. The oil contains natural waxes that may cause the oil to appear hazy at ambient temperatures.			
INCI Name		-			
Synonyms & Trade Names		-			
Reach Registration Number		Exempt (annex V)			
FEMA No.	-	FDA No.	-	CoE No.	-
CAS-No	84929-76-0	EC No.	-	EINECS No.	284-554-0

1:2 – Relevant Identified Uses of the substance or mixture and uses advised against:	
Identified Uses	Cosmetic, Pharmaceuticals
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 Europe, World of Moulds
1:4 – Emergency Telephone number	
Contact telephone number	

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	None
2:3 - Other hazards	
Signal Word	None

MATERIAL SAFETY DATA SHEET

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	Raspberry Seed Oil CAS no – 84929-76-0 EINECS no – 284-554-0
3:2 - Mixtures	
Mixtures	No additional data available

04. FIRST AID MEASURES

4:1 – Description of first aid measures	
General Advice	No Immediate medical attention required.
Inhalation	No vapours generated under normal handling conditions
Ingestion	Not dangerous, Oils are generally edible.
Skin Contact	Wash with soap and water
Eye Contact	Rinse with plenty of water. If discomfort persists, seek medical attention.
4:2 – Most important symptoms and effects, both acute and delayed	
Symptoms and effects	No additional data available

MATERIAL SAFETY DATA SHEET

4:3 – Indication of any immediate medical attention and special treatment needed

Special requirements

Advice for medical staff: This safety data sheet. Accident with vegetable oil of edible quality.

05. FIRE-FIGHTING MEASURES

5:1 - Extinguishing Media

Suitable extinguishing Media

Fire blanket, Foam, Carbon dioxide or dry powder.

Unsuitable extinguishing Media-DO NOT USE

Water jet

5:2 - Special Hazards arising from substance or mixture

Specific hazards

Formation of carbon monoxide is possible

5:3 – Advice for firefighters

Special firefighting procedures/ protective actions.

Suitable respiratory protection

06. ACCIDENTAL RELEASE MEASURES

6:1 - Personal Precautions, protective equipment and emergency procedures.

Personal precautions

No special precautions under normal conditions

6:2 - Environmental Precautions

Environmental Precautions

Do not discharge into drains or watercourses or onto the ground

6:3 – Methods and materials for containment and cleaning up

Spill Clean Up Methods

Physical methods, absorbent material. Clean with hot water and detergent.

6:4 – Reference to other sections



MATERIAL SAFETY DATA SHEET

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.
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07. HANDLING AND STORAGE

7:1 – Precautions for safe handling	
Usage precautions	Handle all packages and containers carefully to minimise spills. Spillage can cause a slipping hazard. Normal working hygiene will suffice
7:2 – Conditions for safe Storage including any incompatibilities	
Storage Precautions	Keep away from open fires. Store in a cool and dry place in the original containers, or store in a tank (preferably stainless steel). Measures for store room and tanks: No special measures. Bunding or similar precautions are recommended to contain spillage or leaks. Incompatible materials : Pro-oxidants
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	Not applicable for this substance under normal working procedure.
8:2 – Exposure controls	
Protective Equipment	 
Process conditions	No additional data available
Engineering Measures	No additional data available

MATERIAL SAFETY DATA SHEET

Respiratory Equipment	In case of aerosol formation, use dust mask with filter.
Hand Protection	No special measures required under normal conditions
Eye Protection	Use safety glasses/goggles if there is a risk of splashing
Other Protection	No additional data available
Hygiene Measures	No additional data available
Personal protection	No additional data available
Skin protection	No special measures required under normal conditions
Environmental exposure controls	No additional data available

09. PHYSICAL AND CHEMICAL PROPERTIES

9:1 - Information on basic physical and chemical properties.	
Appearance	Liquid
Colour	Yellow /amber
Odour	Characteristic
Density at 25°C	0.90-0.93 g/ml
Flash Point (°C)	>300
pH Value	Not relevant, insoluble in water.
Melting Point (°C)	Liquid at ambient temperature
Boiling Point (°C)	No additional data available.
Explosive properties	Not explosive
Oxidising properties	Not oxidising
Vapour Pressure at 200°C	<0.01 mmHg
Solubility in Water @20°C	Insoluble in water, soluble in vegetable oils.
Viscosity at 20°C	60-90 cP
Auto flammability	Not possible
9:2 - Other information	

MATERIAL SAFETY DATA SHEET

Other Information	No additional data available.
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10. STABILITY AND REACTIVITY

10:1- Reactivity	
Reactivity	No additional data available
10:2 - Chemical stability	
Stability	Generally stable, becomes rancid on prolonged exposure to air.
10:3 - Possibility of hazardous reactions	
Possible hazardous reactions	No additional data available.
10:4 - Conditions to avoid	
Conditions to Avoid	Oxidation promoting conditions (heat and UV light.)
10:5 – Incompatible materials	
Incompatible materials	Pro- oxidants
10:6 - Hazardous Decomposition Products	
Hazardous Decomposition Products	None

11. TOXOLOGICAL INFORMATION

11:1 Information on toxicological effects	
Acute Toxicity LD50	This substance is a non- toxic vegetable oil of edible quality. Based upon the composition and reports based upon similar products there are no negative effects to be expected.
Skin corrosion / irritation	No adverse effects reported for administration by oral/dermal routes.
Serious eye damage / irritation	Slight irritation may occur on eye contact
Respiratory or skin sensitisation	Inhalation is unlikely

MATERIAL SAFETY DATA SHEET

Ingestion	No additional data available.
Germ Cell Mutagenicity	No additional data available.
Carcinogenicity	No additional data available.
Reproductive toxicity	No additional data available.
STOT-single exposure	No additional data available.
STOT-repeated exposure	No additional data available.
Aspiration hazard	No additional data available.
Photo-toxicity	No additional data available.
Other Information	No additional data available.

12. ECOLOGICAL INFORMATION

12:1- Toxicity	
General	The information given in this section is based upon evaluation of the components and ecotoxic data on similar products.
12:2 - Persistence & degradability	
Persistence & degradability	Readily biodegradable
12:3 - Bioaccumulative Potential	
Bioaccumulative Potential	No bioaccumulation expected
12:4 – Mobility in soil	
Mobility	Floats on water. Immobilises by absorption to soil particles.

MATERIAL SAFETY DATA SHEET

12:5 – Results of PBT and vPvB assessment

PBT Assessment Results	No additional data available
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12:6 Other Information

	Presents no ozone depletion potential and is CO2 neutral.
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13. DISPOSAL CONSIDERATIONS

13:1 Waste treatment methods

Disposal Methods	No specific danger. Dispose of waste product or used containers in accordance with local regulations. May be burned together with household waste if this is accepted by the authorities.
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14. TRANSPORT INFORMATION

Warning Icon	None required
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14:1 – UN Number

UN No Road – ADR/RID/ADN	Not Classified
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UN No Sea- IMDG	Not Classified
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UN No Air – IATA	Not Classified
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14:2 – UN proper shipping name

Road – ADR/RID/ADN	Not Classified
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Sea- IMDG	Not Classified
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Air - IATA	Not Classified
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14:3 – Transport Hazard class (es)

Road – ADR/RID/ADN	Not Classified
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MATERIAL SAFETY DATA SHEET

Sea- IMDG	Not Classified
Air- IATA	Not Classified
14:4 - Packaging group	
Road – ADR/RID/ADN	Not Classified
Sea- IMDG	Not Classified
Air -IATA	Not Classified
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	<p>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 18th Dec 2006 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.</p>

MATERIAL SAFETY DATA SHEET

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	21.12.2016
Rev No/Repl, SDS Generated	3
Change Description	Updated to new MSDS format
Created by	Technical Department
Review Date	21.12.2018
Risk Phrases in Full	None
Hazard Statements in Full	None
Other Information	None

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.

PRODUCT SPECIFICATION

Product Name		Raspberry Seed Virgin Oil			
Date	22/12/2016	Product Code	OVRASP	Rev	3
Reason for Revision		Updated to new specification format			
Description	A golden yellow oil, practically odourless. The oil contains natural waxes that may cause the oil to appear hazy at ambient temperatures.				
Appearance	Yellow/amber Liquid				
Odour	Characteristic				
Function	Cosmetic, Pharmaceutical				
CAS Number	84929-76-0	EC Number	-		
EINECS Number	284-554-0				

TEST SPECIFICATION

Analytical Test	Specification Range
Acid Value	2.0 Maximum
Peroxide Value (meq/kg)	10 Maximum
Iodine value	165-185
Colour (Lovibond 5¼")	4.5 red 45 yellow maximum
Solubility	Insoluble in water, soluble in vegetable oils

TYPICAL FATTY ACID PROFILE

C16:0 Palmitic Acid %	2-8
C18:0 Stearic Acid %	1-12
C18:1 Oleic Acid %	10-18
C18:2 Linoleic Acid %	43-55
C18:3 α Linolenic Acid %	28-33
C20:0 Arachidic Acid %	2 Maximum
C20:1 Eicosenoic Acid %	1 Maximum
C22:0 Behenic Acid %	2 Maximum

SHELF LIFE AND STORAGE

The product should be stored in unopened drums out of direct sunlight at a temperature of between 15 and 25°C. The product should be fit for use until the date of expiry given provided that they are stored under these recommended conditions. However, this product contains a high level of functional and essential fatty acids and is sensitive to oxidation, and it is therefore recommended that customers do not purchase more material than will be used within 3 months of purchase.

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.



Product Information – Vegan Suitability

Product: Raspberry Seed Virgin

We, MADAR Corporation Ltd, certify that the above mentioned material is suitable for Vegans.

Issue Date: 21/09/18