



CERTIFICATE OF ANALYSIS
RASPBERRY SEED VIRGIN

Batch No: 4511407

Best Before End:

July 2025

Appearance:

Odour:

Dark yellow to orange brilliant clear liquid. Oil contains natural waxes which may cause it to appear hazy at room temp.
Characteristic, light & pleasant.

| TEST | SPECIFICATION | ANALYSIS |
|--|---------------|----------|
| Free Fatty Acid Value | 5.0 maximum | 2.1 |
| Acid Value | 10.0 maximum | 4.2 |
| Peroxide Value (meqO ₂ /kg) | 20.0 maximum | 3.2 |
| Saponification Value | 150 - 205 | 190.2 |
| Specific Gravity @ 20°C | 0.920 – 0.940 | 0.935 |
| Refractive Index @ 20°C | 1.470 – 1.500 | 1.495 |

| FATTY ACID PROFILE (%) | | |
|----------------------------|-------------|------|
| C16:0 Palmitic Acid | 2.0 – 7.0 | 4.3 |
| C18:0 Stearic Acid | 4.0 maximum | 2.5 |
| C18:1 Oleic Acid | 10.0 – 30.0 | 20.2 |
| C18:2 Linoleic Acid | 43.0 – 62.0 | 55.9 |
| C18:3 Alpha Linolenic Acid | 10.0 – 30.0 | 15.1 |
| C20:0 Arachidic Acid | 1.0 maximum | <1.0 |
| C20:1 Eicosenoic Acid | 0.5 maximum | <0.5 |

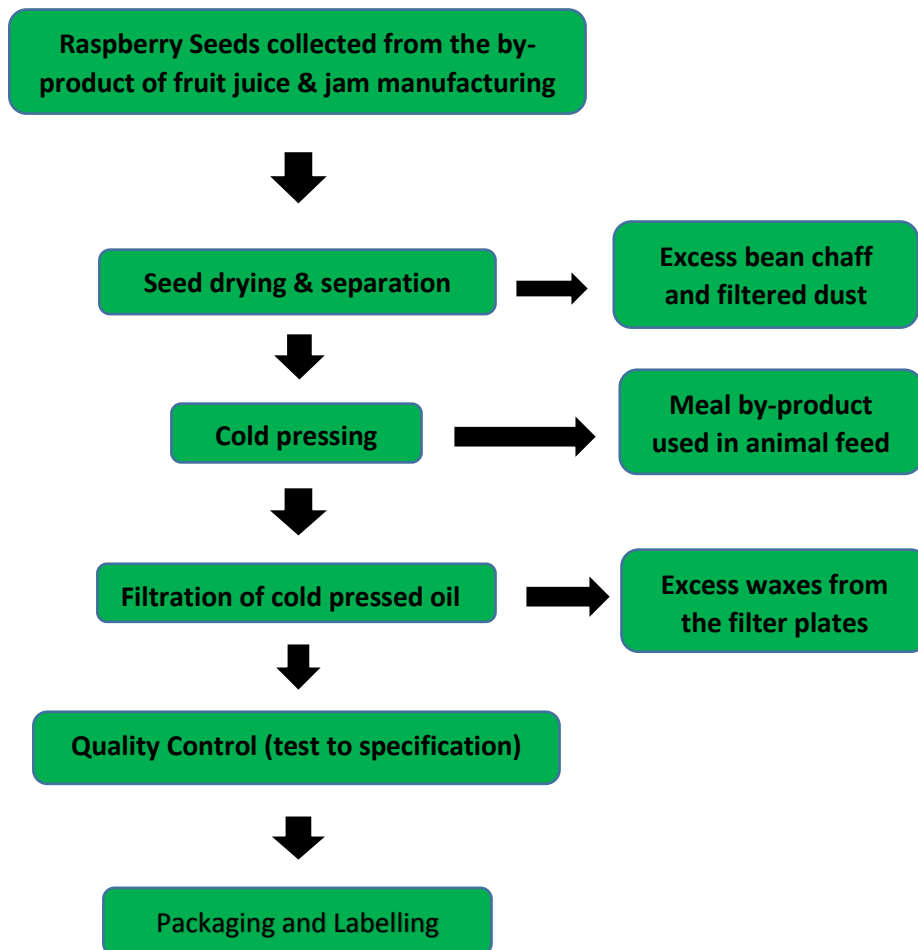
ALLERGENS DECLARATION

| | | | | | |
|---------------------|-----------------------|---------------------|--------|-----------------|---|
| 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 | - |



| | |
|--------------|-----------------------|
| Product Name | Raspberry Seed Virgin |
| Date | 03.07.2018 |





Document Date:

**September
2021**

GMO STATEMENT

We hereby certify that Cold Pressed Raspberry Seed Oil, 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.



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

| | | | | | |
|---|------------|--|-----------|--------|-----------|
| 1.1 Product Identifier | | | | | |
| Product Name | | Raspberry Seed Oil Cold Pressed | | | |
| Product Code | | | | | |
| Biological Definition | | Rubus idaeus seed oil is a fixed oil obtained from the raspberry seed. | | | |
| INCI Name | | Rubus Idaeus Seed Oil | | | |
| CAS | 84929-76-0 | EC | 284-554-0 | EINECS | 284-554-0 |
| 1.2 Relative identified uses of the substance or mixture and uses advised against | | | | | |
| No additional data | | | | | |
| 1.3 Details of the supplier of the safety data sheet | | | | | |
| <p>Madar Corporation Limited 19 - 20 Sandealth Industrial Estate Fordingbridge SP6 1PA</p> <p>technical@madarcorporation.co.uk</p> | | | | | |
| 1.4 Emergency Tel. No. | | + 44 (0) 1425 655 555 | | | |

02. HAZARDS IDENTIFICATION

| | |
|--|--|
| 2.1 Classification of the substance or mixture | |
| No additional data | |
| Classification (EC 1272/2008) | |
| This product does not belong to any list of substances supposedly hazardous to human or animal health according to EU Regulation 1272/2008 & any further amendments, nor to those having recognized exposition limits. | |
| 2.2 Label Elements | |



| | |
|--|--------------------|
| Label in accordance with (EC) No 1272/2008 | |
| None | |
| Signal Word | None |
| Contains | None |
| Hazard Statements | |
| None | |
| Precautionary Statements | |
| None | |
| Supplementary Statements | |
| None | |
| 2.3 Other Hazards | |
| PBT or vPvB according to Annex XIII | No additional data |
| Adverse physio-chemical properties | No additional data |
| Adverse effects on human health | No additional data |

03. COMPOSITION/INFORMATION ON INGREDIENTS

| |
|---------------------------|
| 3.1 Composition |
| No additional data |

04. FIRST AID MEASURES

| | |
|--|--|
| 4.1 Description of first aid measures | |
| Inhalation | Remove to fresh air and remain in a position which is comfortable for breathing. If discomfort occurs/continues, seek medical attention. |
| Ingestion | Do NOT induce vomiting. If discomfort occurs/continues or if large quantities have been ingested, seek medical attention. |
| Skin Contact | Remove contaminated clothing and wash before reuse. Wash skin thoroughly with soap and water. If discomfort occurs/continues, seek medical attention. |
| Eye Contact | Rinse eyes with clean water for a minimum of fifteen minutes. If safe to do so, remove contact lenses and continue to rinse. If discomfort occurs/continues, seek medical attention. |
| 4.2 Most important symptoms and effects, both acute and delayed | |
| No additional data | |



4.3 Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

05. FIRE-FIGHTING MEASURES

5.1 Extinguishing Media

Carbon Dioxide, Foam, Dry Chemical Powder.

Do NOT use water.

5.2 Special hazards arising from the product

This product may only form ignitable mixtures or burn above the flash point. Dangerous combustion products include smoke & oxides of carbon.

5.3 Advice for firefighters

Wear self-contained respiratory equipment and appropriate protective clothing at all times.

06. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

No additional data

6.2 Environmental Precautions

No additional data

6.3 Methods and material for containment and cleaning up.

Spills can be absorbed by cloth or sawdust, washed away with water & cleaned with sodic products.

6.4 Reference to other sections

Section 13

07. HANDLING AND STORAGE

7.1 Precautions for safe handling

Adhere to all good health, safety and hygiene practices. If handling large/heavy packages or drums, ensure the use of suitable mechanical equipment at all times. Do not eat, drink or smoke whilst handling this product.

7.2 Conditions for safe storage, including any incompatibilities

Store In a cool, dry, well-ventilated area. Protect from freezing, heat and light including sunlight. Protect from all potential sources of ignition. Keep all containers tightly sealed when not in use.

7.3 Specific end use(s)

No additional data

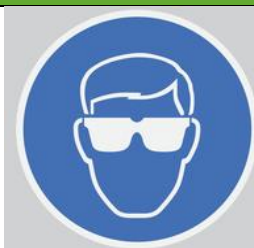
08. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

No additional data

8.2 Exposure controls

Protective Equipment



| | |
|---------------------------------|--|
| Process Conditions | No additional data |
| Engineering Measures | Install sufficient ventilation across all areas. |
| Respiratory Equipment | In the event of airborne contamination of ventilation failure ensure the use of suitable respiratory equipment/ protection. |
| Hand Protection | Wear appropriate protective gloves at all times. |
| Eye Protection | Wear appropriate protective eyewear, especially in the event of a potential splash risk. |
| Other Protection | No additional data |
| Hygiene Measures | Good hygiene practices are always recommended, especially when handling oils, chemicals or any other similar type of material. |
| Personal Protection | No additional data |
| Skin Protection | Wear appropriate protective clothing at all times to prevent any potential skin contact with this product. |
| Environmental Exposure Controls | No additional data |



09. PHYSICAL AND CHEMICAL PROPERTIES

| 9.1 Information on basic physical and chemical properties | |
|---|--------------------|
| Appearance | Oily Liquid |
| Colour | Golden – Yellow |
| Odour | Characteristic |
| Relative Density | No additional data |
| Flash Point (°C) | >280.0 |
| Refractive Index | ~1.485 |
| Melting Point (°C) | No additional data |
| Boiling Point (°C) | >100.0 |
| Vapour Pressure | No additional data |
| Solubility in Water @20°C | Insoluble |
| Auto-ignition temperature (°C) | No additional data |
| 9.2 Other information | |
| No additional data | |

10. STABILITY AND REACTIVITY

| 10.1 Reactivity | |
|---|--|
| No additional data | |
| 10.2 Chemical stability | |
| Expected to remain stable under recommended storage conditions. | |
| 10.3 Possible hazardous reactions | |
| None known | |
| 10.4 Conditions to Avoid | |
| Storage above 20°C | |
| 10.5 Incompatible materials | |
| Concentrated acids, alkalis, oxidising agents | |



10.6 Hazardous Decomposition Products

This product does not decompose under normal conditions. Under fire conditions the product will produce a mixture of irritating fumes & smoke.

11. TOXOLOGICAL INFORMATION

11.1 Information on toxicological effects

| | |
|--|---|
| Acute Toxicity | A non-toxic product. For pharmaceutical & cosmetic use only. This product does not carry a microbiological specification as it is sterilised in the refining process. It does not contain any impurities. This product is not included in the list of substances prohibited in cosmetic products or subject to restrictions. It does not contain colorants, preservatives or UV filters (Annex II – VI of EU regulation 1223/2009). |
| Skin corrosion / irritation | No additional data |
| Serious eye damage / irritation | No additional data |
| Respiratory or skin sensitisation | No additional data |
| Germ Cell Mutagenicity | No additional data |
| Carcinogenicity | No additional data |
| Reproductive toxicity | No additional data |
| STOT-single exposure | No additional data |
| STOT-repeated exposure | No additional data |
| Aspiration hazard | No additional data |
| Photo-toxicity | No additional data |
| Other Information | No additional data |

12. ECOLOGICAL INFORMATION

12.1 Toxicity

Low - None

12.2 Persistence & degradability

>90% (OECD)

12.3 Bioaccumulation Potential



| |
|--|
| None |
| 12.4 Mobility in soil |
| Low – None |
| 12.5 Results of PBT and vPvB Assessment |
| No additional data |
| 12.6 Other adverse effects |
| No additional data |

13. DISPOSAL CONSIDERATIONS

| |
|---|
| 13.1 Waste treatment methods |
| Always dispose of this product in accordance with local and national regulations. Always recover spilled product. |

14. TRANSPORT INFORMATION

| | |
|--|----------------|
| 14.1 UN number | |
| UN No. Road | Not restricted |
| UN No. SEA | Not restricted |
| UN No. AIR | Not restricted |
| 14.2 UN proper shipping name | |
| Not applicable | |
| 14.3 Transport hazard class(es) | |
| Not applicable | |
| 14.4 Packing group | |
| Not applicable | |
| 14.5 Environmental hazards | |
| Not applicable | |
| 14.6 Special precautions for user | |
| No additional data | |

**14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC code**

No additional data

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

Regulation (EC) No 1907/2006 of the European Parliament and of the council of 18th December 2006. Concerning the registration, evaluation, authorization & restriction of chemicals (REACH), establishing a European Chemicals Agency, amending Directive 199/45/EC and repealing council regulation (EEC) No793/93 & commission regulation (EC) No1488/94 as well as council directive 76/769/EEC & commission directive 91/155/ECC, 93/67/ECC, 93/105/EEC & 2000/21/EC (including amendments). The Chemicals (Hazard Information & Packaging for Supply Regulations 2009 (S.I.2009 No 716). Classification & labelling of substances & preparations dangerous for supply. Safety data sheets for substances & preparations. Workplace exposure limits EH40. CHIP for everyone HSG 108. Assessment has not been carried out as this is a non-hazardous material according to article 31 of REACH 1907/2006.

15.2 Chemical safety assessment

No additional data

16. OTHER INFORMATION

| | |
|----------------------------------|------------|
| Hazard Statements in Full | None |
| Revision Date | 23/06/2021 |
| Rev No | 2 |

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 Name | Raspberry Seed Oil | | |
| Date | 01/05/2020 | Product Code | Rev 3 |

| | | | |
|-------------|---|-----------|-----------|
| Description | Cold Pressed Oil obtained from raspberry seeds. | | |
| Appearance | Oily Liquid, Golden – Yellow | | |
| Odour | Characteristic | | |
| Origin | Eastern Europe | | |
| Application | - | | |
| Function | - | | |
| INCI Name | Rubus Idaeus Seed Oil | | |
| CAS Number | 84929-76-0 | EC Number | 284-554-0 |

TEST SPECIFICATION

| Analytical Test | Specification Range |
|---|---------------------|
| Specific Gravity @ 20°C (g/ml) | 0.920 – 0.940 |
| Refractive Index @ 20°C | 1.470 – 1.500 |
| Peroxide Value (meq O ₂ /kg) | <20.0 |
| Free Fatty Acid | <5.0 |
| Saponification | 150.0 – 205.0 |
| Fatty Acid Profile % | |
| C16:0 Palmitic | 2.0 – 7.0 |
| C16:1 Palmitoleic | <0.5 |
| C18:0 Stearic | <4.0 |
| C18:1 Oleic | 10.0 – 30.0 |
| C18:2 Linoleic | 43.0 – 62.0 |
| C18:3 Alpha Linolenic | 10.0 – 30.0 |
| C20:0 Arachidic | <1.0 |
| C20:1 Eicosanoic | <0.5 |
| C22:0 Behenic | <0.5 |

STORAGE

Store in a cool, dry, well-ventilated place. Keep away from heat and sunlight.

STABILITY

If stored for twenty-four months, check quality of product 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.



Document Date:

May 2021

VEGAN STATEMENT

We hereby certify that Cold Pressed Raspberry Seed Oil we supply is gluten free, nut free and suitable for Vegans.