



CERTIFICATE OF ANALYSIS
ORGANIC CANOLA OIL

Batch Number: 4372502
Best Before End: September 2021

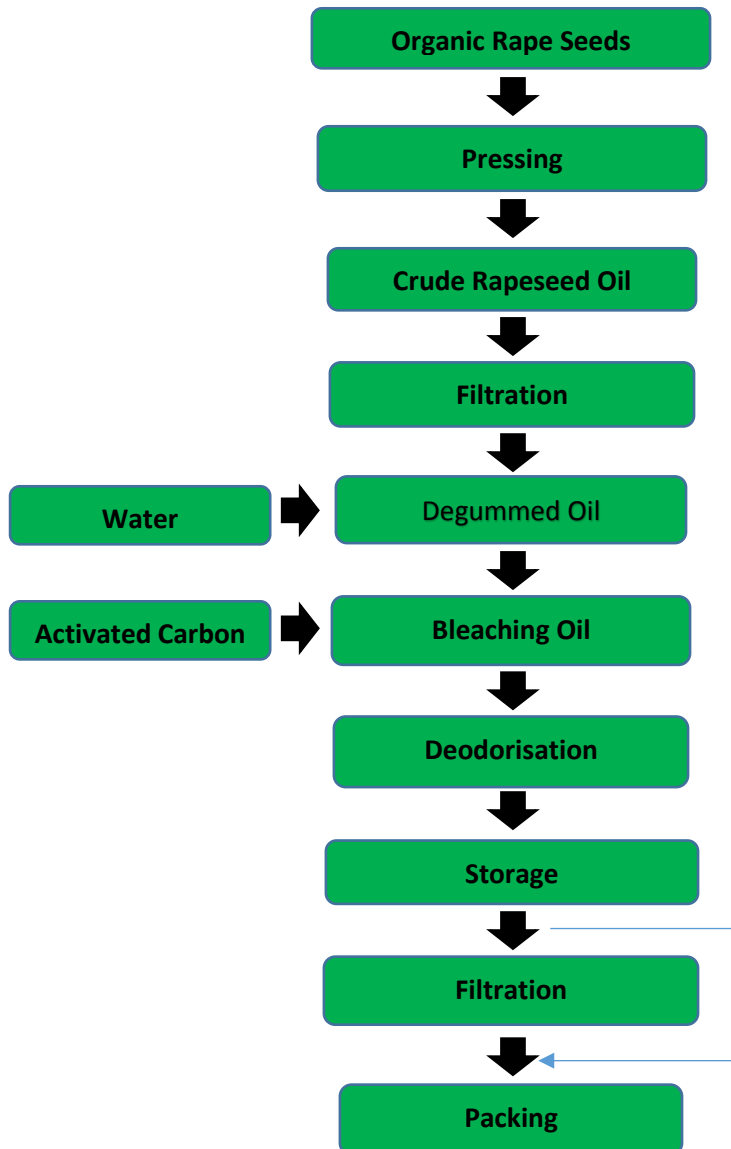
Appearance: A very pale yellow, clear oily liquid
Odour/Taste: Neutral

TEST	SPECIFICATION	ANALYSIS
Acid Value	4.0 maximum	0.2
Free Fatty Acid (% as oleic)	2.0 maximum	0.1
Peroxide Value (meq/kg)	10.0 maximum	3.6
Iodine Value	108 - 124	110.2
Refractive Index @ 20°C	1.469 – 1.475	1.471
Relative Density @ 20°C	0.910 – 0.923	0.915

FATTY ACID COMPOSITION (%)		
C16:0 Palmitic	1.5 – 6.0	4.3
C16:1 Palmitoleic	3.0 maximum	0.2
C18:0 Stearic	0.5 – 3.0	1.7
C18:1 Oleic	52.0 – 67.0	64.5
C18:2 Linoleic	16.0 – 30.0	19.1
C18:3 Alpha Linolenic	6.0 – 15.0	7.3

Manufacturing Flow Chart

Product Name	Organic Rapeseed Oil
Date	11 Mar. 2019





Document Date:

March 2019

STATEMENT

We hereby certify that **Organic Canola 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.



Material Safety Data Sheet

1. IDENTIFICATION OF SUBSTANCE/COMPANY/UNDERTAKING

Product Name: Canola Organic/ Rapeseed Organic Oil

Company Name: MADAR Corporation Limited
19-20 Sandleheath Industrial Estate
Fordingbridge
Hampshire
SP6 1PA

Telephone Number: 01425 655555

Email Address: sales@madarcorporation.co.uk

Approved Sellers: Cosmetic Butters, Mystic Moments, New Directions, World of Moulds

Application: Emollient, Skin conditioning

Origin: Spain

2. COMPOSITION/INFORMATION ON INGREDIENTS

INCI Name: Brassica Campestris Oleifera

Chemical composition: Brassica Campestris Oleifera Oil is the oil expressed from the seeds of the Organic rape, Brassica campestris oleifera, Brassicaceae

CAS No: 8002-13-9

EINECS No: 232-299-0

3. HAZARDS IDENTIFICATION

Not classified as a hazardous material.

4. FIRST-AID MEASURES

Skin contact: Wash off with soap and water

Eye contact: Wash and rinse with plenty of water

Ingestion: Not considered dangerous. Edible, food grade.

Inhalation: No vapours present at normal temperatures.

5. FIRE FIGHTING EXTINGUISHING MEASURES

Suitable Extinguishers: Water mist, carbon dioxide, foam or dry powder.

Unsuitable extinguishers: Water jet.

Protective Clothing: Fire fighters should wear protective clothing and approved respirator.

Hazards: Avoid inhalation of fumes.

6. ACCIDENTAL RELEASE MEASURES

Spillage on soil:	Use a solid absorbent and/or wash floors with detergent. May cause slip on Floors. If solidified, shovel into containers.
Spillage on water:	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.

7. HANDLING & STORAGE MEASURES

Handling:	Normal hygiene practices should be employed. At times oil-Soaked Materials may spontaneously combust. Use only in well ventilated areas, Avoid contact with skin, eyes and clothing.
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8. EXPOSURE CONTROLS/PERSONAL PROTECTION

No special personal protective equipment required. Wear protective gloves and goggles when handling hot oil.



9. PHYSICAL & CHEMICAL PROPERTIES

Please see separate specification sheet.

10. STABILITY AND REACTIVITY

Materials to avoid:	Oxidising materials.
Conditions to avoid:	Oxidation promoting conditions (heat/light)
Stability:	Generally stable, becomes rancid on exposure to air.

11. TOXICOLOGICAL EFFECT

Non-toxic product – pharmaceutical use – food grade

12. ECOLOGICAL INFORMATION

Biodegradability:	Readily biodegradable.
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13. DISPOSAL CONSIDERATIONS

Dispose of according to local and national regulations.



14. TRANSPORT INFORMATION

No special requirements and no restrictions on transportation by land, sea or air. Not classified as hazardous.

15. REGULATORY INFORMATION

Not classified as hazardous. No labeling required under (DSD 67/548/EEC), EC No. 1272/2008 CLP, EC No. 1907/1907/2006 REACH Regulations.

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 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.

Guidance Notes: Workplace Exposure Limits EH40.

16. OTHER INFORMATION

The information contained herein is accurate to the best of our knowledge. No liability can be accepted arising out of the use, application or processing of this product. It is the Users responsibility to determine safe conditions for the use of this material.

Date of First Issue: 04.06.2014



Specification Sheet

Product Name: Canola Organic/ Rapeseed Organic

INCI Name: Brassica Campestris

Application: Emollient, Skin conditioning

Origin: Spain

TYPICAL ANALYTICAL DETAILS:

Appearance:	Viscous liquid
Colour @ 20°C:	Gold coloured, crystal clear liquid oil
Odour:	Fresh nutty aroma with straw and asparagus top notes
Colour Lovibond 5.25" Cell:	Yellow < 35, Red 3.5
Specific Gravity:	0.912 – 0.928
Free Fatty Acid (% as oleic):	< 2.0
Iodine Value (calc):	105 – 126
Peroxide Value (MEQ O ₂ /KG):	< 10.0
Acid Value:	< 4.0
Flash Point °C:	248
Smoke Point °C:	220

FATTY ACID COMPOSITION:

C16:0	Palmitic Acid	:	3 – 8%
C16:1	Palmitoleic	:	0.1% maximum
C18:0	Stearic Acid	:	3% maximum
C18:1	Oleic Acid	:	45 – 65%
C18:2	Linoleic Acid	:	16 – 32%
C18:3	Alpha Linolenic Acid	:	6 - 12%
C20:0	Icosanoic	:	3.0% maximum
C20:1	Icosenoic	:	5.0% maximum
C22:0	Docosanoic	:	1.0% maximum

DISCLAIMER:

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Date of First Issue: 06.05.2006

Re-issued: 29.09.2008
04.06.2014



Vegetarian & Vegan Suitability Statement

PRODUCT NAME: Canola 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