



CERTIFICATE OF ANALYSIS

EVENING PRIMROSE OIL REFINED

Batch No.: 4365101

Best Before End: July 2021

Analysis Description	Minimum Value	Maximum Value	Result	Compliance
Appearance			Mobile liquid	Pass
Colour			Pale yellow to yellow	Pass
Odour			Free from rancid odours	Pass
Specific Gravity at 20°C	0.915	0.940	0.924	Pass
Refractive Index at 20°C	1.450	1.500	1.477	Pass
Peroxide Value (at production)	0.000	10.000	0.32	Pass
Acid Value		1.0	0.30	Pass
Iodine Value	145.0	165.0	158	Pass
Saponification Value	184.0	199.0	192	Pass
Unsaponifiable Matter %		2.5	1.5	Pass
C16:0 Palmitic %	4.0	10.0	6.7	Pass
C18:0 Stearic %	0.5	4.0	2	Pass
C18:1 Oleic %	5.0	12.0	7.9	Pass
C18:2 Linoleic %	65.0	85.0	72.3	Pass
C18:3 Gamma Linolenic %	9.0		9.2	Pass

Shelf life of this product depends very much on storage conditions, particularly temperature and exposure to light and air.

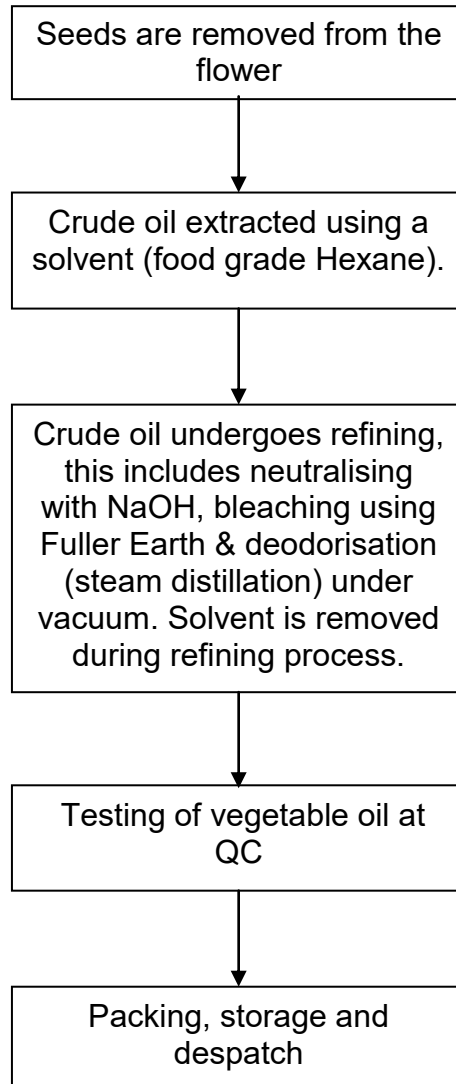
Expiry date must be considered as subjective; the expiry date given here is based on the best of our knowledge and experience of the material when stored under recommended conditions in original unopened containers.

Due to the natural ingredients contained in many of our products, there may be a slight batch to batch variation in the colour, odour or consistency. However, we ensure that this does not affect the quality and efficacy of the products in any way.

We hereby certify that the above material meets the required specification and is released for free sale.

PRODUCTION FLOW CHART

EVENING PRIMROSE OIL RBD





SAFETY DATA SHEET EVENING PRIMROSE OIL REFINED

This SDS is not mandated under REACH Regulation (EC) No 1907/2006 and is provided for information only.

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product name	EVENING PRIMROSE OIL REFINED
Product code	OVEVENPRIM
CAS number	90028-66-3
EC number	289-859-2

1.2. Relevant identified uses of the substance or mixture and uses advised against

Identified uses	Not applicable
-----------------	----------------

1.3. Details of the supplier of the safety data sheet

Supplier	MADAR Corporation Limited 19-20 Sandleheath Industrial Estate Fordingbridge Hampshire SP6 1PA +44 (0) 1425 655555
Contact person	Regulatory Manager

1.4. Emergency telephone number

Emergency telephone	+44 (0) 1425 655555 Office Hours are 09:00 - 16:30 weekdays only
---------------------	--

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification

Comment	This product does not meet the criteria for classification in any hazard class according to Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures.
Physical hazards	Not Classified
Health hazards	Not Classified
Environmental hazards	Not Classified

2.2. Label elements

EC number	289-859-2
Hazard statements	NC Not Classified

2.3. Other hazards

EVENING PRIMROSE OIL REFINED

SECTION 3: Composition/information on ingredients

3.1. Substances

Product name	EVENING PRIMROSE OIL REFINED
CAS number	90028-66-3
EC number	289-859-2

SECTION 4: First aid measures

4.1. Description of first aid measures

General information	No specific recommendations.
Inhalation	Move affected person to fresh air at once. Get medical attention if any discomfort continues.
Ingestion	If necessary, rinse mouth and provide fresh air. Get medical attention if any discomfort continues.
Skin contact	Wash skin thoroughly with soap and water.
Eye contact	Rinse immediately with plenty of water. Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues.

4.2. Most important symptoms and effects, both acute and delayed

4.3. Indication of any immediate medical attention and special treatment needed

Notes for the doctor	No specific recommendations.
----------------------	------------------------------

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media	Extinguish with the following media: Foam, carbon dioxide or dry powder.
Unsuitable extinguishing media	Water.

5.2. Special hazards arising from the substance or mixture

Hazardous combustion products	Oxides of carbon.
-------------------------------	-------------------

5.3. Advice for firefighters

Protective actions during firefighting	Containers close to fire should be removed or cooled with water.
Special protective equipment for firefighters	Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions	Wear suitable protective equipment, including gloves, goggles/face shield, respirator, boots, clothing or apron, as appropriate. In case of spills, beware of slippery floors and surfaces.
----------------------	---

6.2. Environmental precautions

Environmental precautions	No negative effects on the aquatic environment are known.
---------------------------	---

EVENING PRIMROSE OIL REFINED

6.3. Methods and material for containment and cleaning up

Methods for cleaning up Contain and absorb spillage with sand, earth or other non-combustible material. Collect and place in suitable waste disposal containers and seal securely. Label the containers containing waste and contaminated materials and remove from the area as soon as possible. Wash thoroughly after dealing with a spillage.

6.4. Reference to other sections

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Usage precautions Handle all packages and containers carefully to minimise spills.

7.2. Conditions for safe storage, including any incompatibilities

Storage precautions Store in tightly-closed, original container in a dry, cool and well-ventilated place. Keep away from heat, sparks and open flame. Protect from freezing and direct sunlight.

Storage class Unspecified storage.

7.3. Specific end use(s)

SECTION 8: Exposure Controls/personal protection

8.1. Control parameters

8.2. Exposure controls

Protective equipment



Eye/face protection

Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible. The following protection should be worn: Chemical splash goggles or face shield.

Hand protection

Chemical-resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible.

Other skin and body protection

Wear appropriate clothing to prevent any possibility of skin contact. Wear apron or protective clothing in case of contact.

Hygiene measures

No specific hygiene procedures recommended but good personal hygiene practices should always be observed when working with chemical products.

Respiratory protection

No specific recommendations. Respiratory protection may be required if excessive airborne contamination occurs.

SECTION 9: Physical and Chemical Properties

9.1. Information on basic physical and chemical properties

Appearance	Liquid.
Colour	Pale Yellow to Yellow
Odour	Characteristic.
Flash point	110°C
Relative density	~ 0.927 @ 20°C

EVENING PRIMROSE OIL REFINED

9.2. Other information

Refractive index ~ 1.475 @ 20°C

SECTION 10: Stability and reactivity

10.1. Reactivity

10.2. Chemical stability

Stability Stable at normal ambient temperatures.

10.3. Possibility of hazardous reactions

Possibility of hazardous reactions Will not polymerise.

10.4. Conditions to avoid

Conditions to avoid Avoid heat, flames and other sources of ignition.

10.5. Incompatible materials

Materials to avoid Strong oxidising agents. Strong acids. Strong alkalis.

10.6. Hazardous decomposition products

Hazardous decomposition products Thermal decomposition or combustion products may include the following substances: Oxides of carbon. Oxides of nitrogen.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

General information No specific health hazards known.

Inhalation No specific health hazards known.

Ingestion No specific health hazards known. No harmful effects expected from quantities likely to be ingested by accident.

Skin contact No specific health hazards known.

Eye contact Vapour or spray in the eyes may cause irritation and smarting.

Acute and chronic health hazards No specific health hazards known.

Medical symptoms No specific symptoms noted, but this chemical may still have adverse health impact, either in general or on certain individuals.

Medical considerations May cause allergic contact eczema. Prolonged or repeated exposure may cause the following adverse effects: Allergic rash. Get medical attention.

SECTION 12: Ecological Information

Ecotoxicity No negative effects on the aquatic environment are known.

12.1. Toxicity

12.2. Persistence and degradability

Persistence and degradability The product is expected to be biodegradable.

12.3. Bioaccumulative potential

Bioaccumulative potential The product does not contain any substances expected to be bioaccumulating.

EVENING PRIMROSE OIL REFINED

12.4. Mobility in soil

Mobility The product is insoluble in water.

12.5. Results of PBT and vPvB assessment

Results of PBT and vPvB assessment This product does not contain any substances classified as PBT or vPvB.

12.6. Other adverse effects

SECTION 13: Disposal considerations

13.1. Waste treatment methods

General information Waste is suitable for incineration.

Disposal methods Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

SECTION 14: Transport information

General The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, ADR/RID).

14.1. UN number

Not applicable.

14.2. UN proper shipping name

Not applicable.

14.3. Transport hazard class(es)

No transport warning sign required.

14.4. Packing group

Not applicable.

14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant

No.

14.6. Special precautions for user

Not applicable.

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code Not applicable.

EVENING PRIMROSE OIL REFINED

SECTION 15: Regulatory information

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

EU legislation	Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (as amended). 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) (as amended).
Guidance	Workplace Exposure Limits EH40.

15.2. Chemical safety assessment

SECTION 16: Other information

Key literature references and sources for data	European Chemicals Agency, http://echa.europa.eu/
Issued by	Regulatory Manager
Revision date	08/06/2015
Revision	0
Risk phrases in full	Not classified.

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.



MATERIAL SPECIFICATION

EVENING PRIMROSE OIL REFINED

Analysis Description	Minimum Value	Maximum Value	Description
Appearance			Mobile liquid
Colour			Pale yellow to yellow
Odour			Free from rancid odours
Specific Gravity at 20°C	0.915	0.940	
Refractive Index at 20°C	1.450	1.500	
Peroxide Value (at production)	0.000	10.000	
Acid Value		1.0	
Iodine Value	145.0	165.0	
Saponification Value	184.0	199.0	
Unsaponifiable Matter %		2.5	
C16:0 Palmitic %	4.0	10.0	
C18:0 Stearic %	0.5	4.0	
C18:1 Oleic %	5.0	12.0	
C18:2 Linoleic %	65.0	85.0	
C18:3 Gamma Linolenic %	9.0		

Issue Date: 03/04/18

Revision: 4

Revision Date: 03/04/18

Shelf life of this product depends very much on storage conditions, particularly temperature and exposure to light and air. Shelf life must be considered as subjective; the shelf life given here is based on the best of our knowledge and experience of the material when stored under recommended conditions, see SDS, in original unopened containers. Due to the natural ingredients contained in many of our products, there may be a slight batch to batch variation in the colour, odour or consistency. However, we ensure that this does not affect the quality and efficacy of the products in any way.

DATA SHEET

EVENING PRIMROSE OIL REFINED

INCI name:	Oenothera Biennis Oil
Synonyms:	Tree primrose, scurvish, scabbish, king's cureall, nightwillow herb, sundrops, tree primrose, fever plant.
Country of Origin:	China
CAS Number:	90028-66-3
EC Number:	289-859-2
Status:	100% Pure & Natural



General Description

Primrose is a flowering plant belonging to the Onagraceae family. Growing up to 1.5 metres high, it has yellow flowers, which open in the evening.

Extraction

Oenothera Biennis Oil is the fixed oil obtained by extraction from the seeds of the Evening Primrose, *Oenothera biennis*, *Onagraceae*.

Common Uses/Applications

- Carrier oil in aromatherapy applications.
- Component used in cosmetic products.

Aromatherapy Actions/Uses

- Considered to have the following properties: Anti-depressant, astringent, anti-inflammatory, hypotensive, sedative & emollient.
- Regarded to be helpful for: Eczema, asthmatic cough, gastro-intestinal disorders, and whooping cough, dry skin and to reduce pain.

Animal Non-Testing Declaration

MADAR Corporation Limited has never been involved in animal testing or retesting for any of its products, nor has it sanctioned any third party to conduct such testing.

Transmissible/ Bovine Spongiform Encephalopathy (T.S.E/B.S.E)

This product does not contain, and is not derived from, specified risk material as defined in Commission Decision 97/534/EC or mechanically recovered meat obtained from the vertebral column of bovine, ovine or caprine animals. During production, storage and transport there is no contact with any extracts of animal (cattle, sheep, goat etc) origin and a cross contamination is excluded.

Product is therefore free from Bovine Spongiform Encephalopathy (BSE) and Transmissible Spongiform Encephalopathy (TSE).

Statement on Genetically Modified Organisms

We confirm to the best of our knowledge that this product does not contain nor has been produced with the aid of any genetically modified organism. In consequence, these products will not contain any detectable residues of protein or DNA resultant from genetic modification.

The data provided in this document is meant to represent anecdotal, typical data and information for this product and is correct to the best of our knowledge. The data was obtained from current and reliable sources, but is supplied without warranty, expressed or implied, regarding its correctness or accuracy. It is the user's responsibility to determine safe conditions for the use of this product, and to assume liability for loss, injury, damage or expense arising from improper use of this product. The information provided does not constitute a contract to supply to any specification, or for any given application, and buyers should seek to verify their requirements and product use.

Revision Date: 30/10/2015

Revision: 0



STATEMENT ON VEGAN SUITABILITY

EVENING PRIMROSE OIL REFINED

We confirm to the best of our knowledge that the above product sold by MADAR Corporation does not contain any animal substances.

The manufacturer confirmed that during production, storage and transport there is no contact with any extracts of animal origin.

We therefore declare that the product is suitable for vegans.