

## **CERTIFICATE OF ANALYSIS**

PRODUCT NAME: EVENING PRIMROSE OIL, REFINED

BATCH NUMBER: 4559309

PRODUCT INCI: OENOTHERA BIENNIS OIL

PRODUCT CODE: OCEVEPRI CAS NUMBER: 90028-66-3 EINECS NUMBER: 289-859-2

MANUFACTURING METHOD: COLD PRESSED, REFINED

BBE: OCTOBER 2026

ANALYTICAL DETAILS	RANGE %	RESULT
Appearance	OILY LIQUID	-
Odour	Odourless	-
Colour	GOLDEN YELLOW	-
COLOUR (GARDNER)	4.0 – 13.0	4.5Y
PEROXIDE VALUE (MEQ O2/ KG)	≤ 10.0	1.2
ACID VALUE	≤ 5.0	0.40
MOISTURE	≤ 0.2	0.05

FATTY ACID PROFILE		RANGE %	RESULT
C-CHAIN	ACID NAME		
C16:0	PALMITIC	4.0 – 8.0	6.6
C18:0	STEARIC	1.0 – 4.0	2.3
C18:1	OLEIC	6.0 – 11.0	8.6
C18:2	LINOLEIC	65.0 – 80.0	72.6
C18:3	Gamma-Linolenic	>9.0	9.02



## **ALLERGEN STATEMENT**

PRODUCT NAME: EVENING PRIMROSE OIL (9% GLA), REFINED

#### **COSMETIC ALLERGENS**

	METIC	ALLERGENS		
NO.	ANNEX III	ALLERGEN	CAS NUMBER:	TOTAL ALLERGEN INCLUSION (%):
1	327	ACETYL CEDRENE	32388-55-9	-
2	67	AMYL CINNAMAL	122-40-7	-
3	74	AMYLCINNAMYL ALCOHOL	101-85-9	-
4	328	AMYL SALICYLATE	2050-08-0	-
5	329	TRANS-ANETHOLE	4180-23-8	-
6	80	ANISYL ALCOHOL	105-13-5	-
7	330	BENZALDEHYDE	100-52-7	-
8	45	BENZYL ALCOHOL	100-51-6	-
9	85	BENZYL BENZOATE	120-51-4	-
10	81	BENZYL CINNAMATE	103-41-3	-
11	75	BENZYL SALICYLATE	118-58-1	-
42	224	CAMPHOR	76-22-2 / 464-49-3 21368-68-3	-
12	331		/ 464-48-2	
13	332	BETA-CARYOPHYLLENE	87-44-5	-
14	222	CARVONE	99-49-0 / 6485-40-1 / 2244-16-	-
14	333		8	
15	76	CINNAMAL	104-55-2	-
16	69	CINNAMYL ALCOHOL	104-54-1	-
		CITRAL	5392-40-5	-
17	70	GERANIAL	141-27-5	-
		NERAL	106-26-3	-
18	86	CITRONELLOL	106-22-9 / 1117-61-9 / 7540-	-
10			51-4	
19	77	COUMARIN	91-64-5	-
		DAMASCENONE	23696-85-7	-
		ALPHA-DAMASCONE (CIS &	43052-87-5 / 23726-94-5	-
20	157	TRANS)	24720-09-0	
20	137	CIS-BETA-DAMASCONE	23726-92-3	-
		DELTA-DAMASCONE (CIS & TRANS)	57378-68-4 / 71048-82-3	-
		TRANS-BETA-DAMASCONE	23726-91-2	-

21	334	DIMETHYL BENZYL CARBINYL	151-05-3	-
		ACETATE	131 03 3	
22	71	EUGENOL	97-53-0	-
23	368	EUGENYL ACETATE	93-28-7	-
24	82	FARNESOL	4602-84-0	-
25	78	GERANIOL	106-24-1	-
26	369	GERANYL ACETATE	105-87-3	-
27	335	HEXADECANOLACTONE	109-29-5	-
28	336	HEXAMETHYLINDANOPYRAN (GALAXOLIDE)	1222-05-5	-
29	87	HEXYL CINNAMAL	101-86-0	-
30	72	HYDROXYCITRONELLAL	107-75-5	-
31	73	ISOEUGENOL (CIS & TRANS)	97-54-1 / 5932-68-3 5912-86-7	-
32	370	ISOEUGENYL ACETATE	93-29-8	-
33	90	ALPHA -ISOMETHYLIONONE	127-51-5	-
34	88	(DL)-LIMONENE	5989-27-5	-
35	84	LINALOOL	78-70-6	-
36	337	LINALYL ACETATE	115-95-7	-
37	338	MENTHOLS	1490-04-6 / 89-78-1 / 2216-51-5 / 15356-60-2	-
38	46	6-METHYL COUMARIN	92-48-8	-
39	89	METHYL 2-OCTYNOATE	111-12-6	-
40	324	METHYL SALICYLATE	119-36-8	-
41	339	3-METHYL-5-(2,2,3-TRIMETHYL-3- CYCLOPENTYL) PENT-4-EN-2-OL	67801-20-1	-
		ALPHA-PINENE	80-56-8	
42	371	BETA-PINENE	127-91-3	-
43	175	PROPYLIDENE PHTALIDE	17369-59-4	-
44	340	SALICYLALDEHYDE	90-02-8	-
		ALPHA-SANTANOL	115-71-9	-
45	341	BETA-SANTANOL	77-42-9	-
46	342	SCLAREOL	515-03-7	-
	343	TERPINEOL (MIXTURE OF	8000-41-7 / 98-55-5	-
47		ISOMERS)	138-87-4 / 586-81-2	
48	131	ALPHA-TERPINENE	99-86-5	-
49	133	TERPINOLENE	586-62-9	-
50	344	TETRAMETHYL ACETYLOOCTAHYDRONAPHTHALE NES	54464-57-2 / 54464-59-4 68155-66-8 / 68155-67-9	-

51	345	TRIMETHYL-BENZENEPROPANOL (MAJANTOL)	103694-68-4	-
52	346	VANILLIN	121-33-5	-
53	347	CANANGA ODORATA (YLANG- YLANG OIL)	83863-30-3 / 8006-81-3	-
54	122	CEDRUS ATLANTICA BARK OIL	92201-55-3 / 8000-27-9	-
55	348	CINNAMOMUM CASSIA LEAF OIL	8007-80-5 / 84961-46-6	-
56	349	CINNAMOMUM ZEYLANICUM BARK OIL	8015-91-6 / 84649-98-9	-
57	350	CITRUS AURANTIUM AMARA FLOWER OIL	72968-50-4	-
57	350	CITRUS AURANTIUM DULCIS FLOWER OIL (SINENSIS)	8028-48-6 / 8016-38-4	-
		CITRUS AUTANTIUM AMARA PEEL	68916-04-1	-
58	351	OIL	72968-50-4	
30	331	CITRUS AUTANTIUM DULCIS PEEL	97766-30-8	-
		OIL (SINENSIS)	8028-48-6 / 8008-57-9	
59	352	CITRUS BERGAMIA PEEL OIL	68648-33-9 / 89957-91-5	-
33	332		92704-01-3	
60	353	CITRUS LIMONUM PEEL OIL	84929-31-7 / 8008-56-8	-
61	354	CYMBOPOGON CITRATUS,	91844-92-7 / 8007-02-1 89998-	-
01		SCHOENANTHUS OILS	16-3	
62	355	EUCALYPTUS SPP. LEAF OIL	92502-70-0 / 8000-48-4	-
63	356	EUGENIA CARYOPHYLLUS	8000-34-8 / 8015-97-2 84961- 50-2	-
64	92	EVERNIA FURDURACEA (TREEMOSS) EXTRACT	90028-67-4	-
65	91	EVERNIA PRUNASTRI (OAKMOSS) EXTRACT	90028-68-5	-
66	357	JASMINUM GRANDIFLORUM / OFFICINALE	84776-64-7 / 90045-94-6 8022-96-6 / 8024-43-9	-
67	358	JUNIPERUS VIRGINIANA	8000-27-9 / 85085-41-2	_
	359	LAURUS NOBILIS	8002-41-3 / 8007-48-5 / 84603-	_
68	333	LICINOS NOBILIS	73-6	
		LAVANDULA HYBRIDA	91722-69-9	-
69	360	LAVANDULA INTERMEDIA	31,22 03 3	_
	330	(ANGUSTIFOLIA)	84776-65-8	
70	361	MENTHA PIPERITA	8006-90-4 / 84082-70-2	-
71	362	MENTHA SPICATA	8008-79-5 / 84696-51-5	-

72	154	MYROXYLON PEREIRAE	8007-00-9	-
73	363	NARCISSU SPP.	Diverse	-
74	364	PELARGONIUM GRAVEOLENS	90082-51-2 / 8000-46-2	-
75	109	PINUS MUGO	90082-72-7	-
76	114	PINUS PUMILA	97676-05-6	-
77	365	POGOSTEMON CABLIN	8014-09-3 / 84238-39-1	-
78	366	ROSA SPP. (ROSE)	Diverse	-
79	367	SANTALUM ALBUM	84787-70-2 / 8006-87-9	-
80	124	TURPENTINE OIL	8006-64-2 / 9005-90-7 / 8052-	-
30	124		14-0	
81	196	VERBENA ABSOLUTE	8024-12-2	-

<sup>&</sup>quot;-" mean 0,000 %.

### **FOOD ALLERGENS**

Annex Illa		PRESENT IN	CONTAMINATION	FACTORY
Reference:		PRODUCT:	PRESENCE:	PRESENCE:
1	CEREALS (CONTAINING GLUTEN)	NO	NO	YES
2	CRUSTACEANS	NO	NO	NO
3	EGGS	NO	NO	NO
4	FISH	NO	NO	NO
5	PEANUTS	NO	NO	YES
6	SOYA	NO	NO	YES
7	MILK	NO	NO	YES
8	NUTS	NO	NO	YES
9	CELERY & CELERIAC	NO	NO	YES
10	MUSTARD	NO	NO	YES
11	SESAME	NO	NO	YES
12	SULPHUR DIOXIDE & SULPHITES	NO	NO	NO
13	LUPIN	NO	NO	NO
14	MOLLUSC	NO	NO	NO



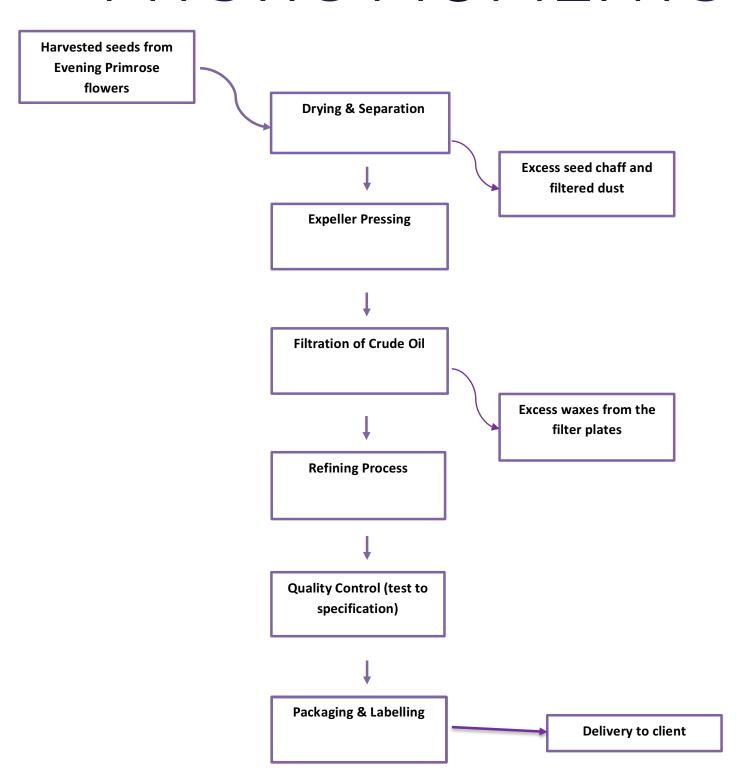
### Composition Statement & Manufacturing Flow Chart:

We can hereby confirm the following composition breakdown & manufacturing process flow;

**Evening Primrose Oil (9% GLA), Refined** 

INCI Name	% Inclusion	CAS Number
Oenothera Biennis	100	90028-66-3

The attached information is considered to be correct at the time the client received this information. Please be aware that detail can change and we encourage clients to update their records regularly. The information is not and should not be considered a guarantee or warranty, or a part of our contractual or other legal obligations. The information is not to be disclosed to others, reproduced or transmitted in whole or in part without permission f



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### **GMO Statement**

PRODUCT NAME: Evening Primrose

MADAR Corporation Limited can confirm that the above listed product is GMO Free.

12-2-24



### **Material Safety Data Sheet**

EU Regulation: 2020/878

SECTION 1: Identification of	the substance/	mixture a	nd of the company/u	ındertaking	
1.1 Product Identification					
Product Name	EVENING PRIMROSE (	OIL (9% GLA),	REFINED		
Biological Definition	Oenothera Biennis	OENOTHERA BIENNIS OIL IS THE FIXED OIL DERIVED FROM THE SEEDS OF THE EVENING PRIMROSE, OENOTHERA BIENNIS, ONAGRACEAE			
INCI Name	Oenothera Biennis	Oenothera Biennis Oil			
Synonyms & Trade Names	EVENING PRIMROSE C	EVENING PRIMROSE OIL			
Internal Product Code					
CAS-No	90028-66-3	EC No.	289-859-2	EINECS No.	289-859-2
1.2 Details of the supplier of the safety dat	a sheet				
Company Address	Madar Corporation Limited 19 - 20 Sandleheath Industrial Estate, Fordingbridge, SP6 1PA				
Email	technical@madarc	orporation.co.	uk		
1.3  Details of the supplier of the safety dat	a sheet				
Emergency Contacts	01425 655 555				



SECTION 2: Hazards Identification		
2.1 Classification of the substance or mixture		
Classification (67/548/EEC)	This product is not dangerous according to REACH Regulation 2020/878.	
Classification (EU1272/2008)	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. Care should be taken when handling hot oil as it may constitute a burn hazard. Spills can constitute a slippage hazard.	
2.2 Label Elements	Label in accordance with Regulation (EC) No 1272/2008.	
GHS Label	None.	
Signal Word	None.	
Contains	None.	
Hazards Statement None.		
Signal Word None.		
Precautionary Statements	None.	
Supplementary Precautionary Statements	None.	
	Section 16 (Other Information): Risk & Safety phrases in full.	
2.3 Other Hazards		
Adverse physio-chemical properties	None.	
Adverse effects on human health	None.	
SECTION 3: Composition of Ingredien	ts	
3.1 Substances	Not Applicable.	
3.2 Mixtures	Not Applicable.	

SECTION 4: First Aid Measures	
4.1	
Description of First Aid Measures	
General Information	Always remove contaminated clothing immediately.
Inhalation	Not expected for this particular product, however always best avoiding proactive inhalation.
Ingestion	No instruction as this is a non-toxic product.
Skin Contact	No instruction as this is a non-toxic product.



Eye Contact	Wash immediately & thoroughly with clean tap water.
4.2 Most important symptoms & effects (Acute & Delayed)	None.
4.3 Indication of any immediate medical attention or special treatment required	Not Applicable.
SECTION 5: Fire Fighting Measures	
ordinary of the righting measures	
5.1 Extinguishing material	Foam, Co2, Dry Chemical Powder.
5.2 Special hazards arising from the substance Or mixture	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 fire-fighters	Standard. Wear self-contained breathing apparatus in confined spaces.
SECTION 6: Accidental Release Measur	es
6.1 Personal precautions	None Required.
6.2 Environmental precautions	None Required.
6.3 Methods & material for containment and cleaning up	Spills can be absorbed by cloth or sawdust, washed away with water & cleaned with sodic products.
6.4	Refer & consider section 8.
References to other sections	Refer & consider section 13.
SECTION 7: Handling & Storage	
7.1 Precautions for safe-handling	Handle in accordance with good hygiene and safety practice. Keep containers sealed when not in use. Preve spills & leaks to avoid slip hazard. Always wear personal protective clothing (refer to section 8). Do not eat, drink, sniff or smoke whilst handling this product. Provide suitable mechanical equipment for the safe handling of drums & heavy packages.
7.2 Conditions for safe storage, including any incompatibilities	Keep the product container tightly closed, in a dry, ventilated area (at temperatures <20°C). Keep away from potential sources of ignition and protected from light. Maintain limited contact with oxygen.
7.3 Specific end use(s)	No Data.
SECTION 8: Exposure Controls & Personal Protection	
8.1 Control Parameters	None.
8.2 Exposure Controls	
Eye Protection	Not required as a non-toxic product, however we still recommend taking precautions by wearing protective eye-wear when handling the product.
Hand Protection	None.
Respiratory Equipment	None.
Hygiene Measures	None.
Engineering Measures	None.
SECTION 9: Physical & Chemical	

9.1 Physical & Chemical Properties		
Appearance	OILY LIQUID	
Colour	CLEAR - LIGHT YELLOW	
Odour	Odourless	
Relative Density	NO DATA.	
Refractive Index	1.475 – 1.484	
Flash Point (°C)	>280°C.	
Melting Point (°C) NOT APPLICABLE.		
Boiling Point (°C)	>100°C.	
Vapour Pressure	NO DATA.	
Solubility in Water @ 20°C	Insoluble.	
9.2 Other Information	NO DATA.	
9.2.1 Information with regard to physical hazard classes	None.	
9.2.2 Other safety characteristics	None.	
SECTION 10: Stability & Reactivity		
10.1 Reactivity	Not Applicable.	
10.2 Chemical stability	Stable under suggested storage conditions (<20°C).	
10.3 Possibility of hazardous reactions	No.	
10.4 Conditions to avoid	Storage at high temperatures. Do not store 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.	

SECTION 11: Toxicological Information	
11.1 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 irritation	Not Applicable.
Eye damage or irritation	Not Applicable.
Respiratory or skin sensitivity	Not Applicable.



Germ cell mutagenicity	Not Applicable.	
Carcinogenicity	Not Applicable.	
Reproductive toxicity	Not Applicable.	
STOT – single exposure	Not Applicable.	
STOT – repeated exposure Not Applicable.		
Aspiration hazard Not Applicable.		
11.2 Information on other hazards	Not Applicable.	
mornanon on onici nazaras		
SECTION 12: Ecological Information		
12.1 Toxicity	Low - None.	
12.2 Persistence & degradability	>90% (OECD)	
12.3 Bio- accumulative potential	None.	
12.4 Mobility in soil	Low – None.	
12.5 Results of PBT & VPVB assessment	Not Available.	
12.6 Endocrine disrupting propertis	None.	
12.7 Other adverse effects	None.	
SECTION 13: Disposal Information		
13.1 Waste treatment methods	Always recover spilled product. Discard waste material with authorized waste management services. Act in accordance with local & national waste regulations.	

SECTION 14: Transport Information		
14.1 Transport Information		
Warning icon	Road (ADR), Rail (RID), Sea (IMDG) and Air (ICAO), transport not restricted in drums or food tankers.	
Shipping Name	Not Applicable.	
UN Number (Road)	Not Applicable.	
ADR Class	Not Applicable.	
Hazard Number (ADR)	Not Applicable.	
Hazchem Code	Not Applicable.	
UN Number (Sea)	Not Applicable.	
IMDG Class	Not Applicable.	
IMDG Pack GR.	Not Applicable.	
EMS	Not Applicable.	
UN Number (Air)	Not Applicable.	
Air Class	Not Applicable.	

Air Pack GR.	Not Applicable.
Maritime transport in bulk according to IMO instruments	Not Applicable.
SECTION 15: Regulatory Information	
15.1 Product specific safety, health & environmental regulations & legislation	
	Regulation (EC) No 2020/878 of the European Parliament and of the council of 18 <sup>th</sup> December 2006. Concerning the registration, evaluation, authorization & restriction of
EU Directives	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).
Statutory Instruments	The Chemicals (Hazard Information & Packaging for Supply Regulations 2009 (S.I.2009 No 716).
Approved Code of Practice	Classification & labelling of substances & preparations dangerous for supply. Safety data sheets for substances & preparations.
Guidance Notes	Workplace exposure limits EH40. CHIP for everyone HSG 108.
15.2 Chemical Safety Assessment	Assessment has not been carried out as this is a non-hazardous material according to article 31 of REACH 2020/878.

SECTION 16: Other Information		
Allergens:	None.	
Training Instructions: Refer to possible hazard before use of this product.		
Abbreviations & Acronyms:		
MSDS	Material Safety Data Sheet.	
INCI	International Nomenclature of Cosmetic Ingredients.	
CAS	Chemical Abstract Service.	
IMDG	International Maritime code for Dangerous Goods.	
ADR	Accord European sur le transport des merchandises Dangereuses par Route (European Agreement concerning the international Carriage of Dangerous goods by Road).	
RID	International Carriage of Dangerous Goods by Rail.	
ICAO International Civil Aviation Organization.		
ADN	International Carriage of Dangerous Goods by Inland Waterways.	
GHS	Globally Harmonized System of classification & labelling of chemicals.	



Trem Card	Transport Emergency Card.
STOT	Specific Target Organ Toxicity.

Documentation Revision	
Date	Change Description
10th April 2018 Data Launch	
November 2020	Review
14/09/2021	Removed word "seed" from INCI
December 2022	EU Regulations changed



## **SPECIFICATION SHEET**

PRODUCT NAME: EVENING PRIMROSE OIL (9% GLA), REFINED

PRODUCT INCI: OENOTHERA BIENNIS OIL

CAS NUMBER: 90028-66-3 EINECS NUMBER: 289-859-2

MANUFACTURING METHOD: COLD PRESSED, REFINED

SHELF LIFE: 24 MONTHS

Analytical Details	Range %	
Appearance	OILY LIQUID	
Odour	Odourless	
Colour	GOLDEN YELLOW	
Colour (Gardner)	4.0 – 13.0	
Peroxide Value (meq O2/ kg)	≤ 10.0	
ACID VALUE ≤ 5.0		
Moisture	≤ 0.2	

FATTY ACID PROFILE		Range %	
C-CHAIN	ACID NAME		
C16:0	Palmitic	4.0 – 8.0	
C18:0	Stearic	1.0 – 4.0	
C18:1	OLEIC	6.0 – 11.0	
C18:2	LINOLEIC	65.0 – 80.0	
C18:3	Gamma-Linolenic	>9.0	

DATE	VERSION	REASON FOR UPDATE
15/03/2024	4.0	Added: Colour



### **Vegetarian & Vegan Suitability Statement**

PRODUCT NAME: Evening Primrose

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.

12-2-24