CERTIFICATE OF ANALYSIS

PRODUCT NAME: GRAPESEED OIL, REFINED

BATCH NUMBER: 4556805

PRODUCT INCI: VITIS VINIFERA SEED OIL

CAS NUMBER: 8024-22-4

EINECS NUMBER: 284-511-6

MANUFACTURING METHOD: EXPELLER PRESSED & REFINED

COUNTRY OF ORIGIN: ITALY

BEST BEFORE DATE: OCTOBER 2026

ANALYTICAL DETAILS	RANGE %	RESULTS
Appearance	Yellowish to green oily liquid	-
Odour	Odourless	-
SPECIFIC GRAVITY @ 20°C	0.910 - 0.922	0.920
Refractive Index @ 20°C	1.463 – 1.476	CONFORMS
SAPONIFICATION VALUE	182.0 – 194.0	190.0
UNSAPONIFIABLE MATTER	<1.0	CONFORMS
FREE FATTY ACID (% AS OLEIC)	<1.0	0.05
PEROXIDE VALUE	<10.0	2.5
IODINE VALUE	125.0 – 145.0	CONFORMS
ACID VALUE	<0.5	0.1

FATTY ACID PROFILE		Range %	RESULTS
C-CHAIN			
C16:0	Palmitic	6.0 - 8.0	6.8
C16:1	Palmitoleic	<0.5	0.1
C18:0	STEARIC	3.0 - 6.0	3.6
C18:1	Oleic	12.0 - 28.0	26.9
C18:2	LINOLEIC	60.0 - 76.0	61.3
C18:3	LINOLENIC	< 0.5	0.2
C20:0	ARACHIDIC	< 0.5	0.2

ALLERGEN STATEMENT

PRODUCT NAME: GRAPESEED OIL, REFINED

COSMETIC ALLERGENS

Annex Illa			TOTAL ALLERGEN
Reference:		CAS NUMBER:	INCLUSION (%):
67	AMYL CINNAMAL	122-40-7	0.000
68	BENZYL ALCOHOL	100-51-6	0.000
69	CINNAMYL ALCOHOL	104-54-1	0.000
70	CITRAL	5392-40-5	0.000
71	EUGENOL	97-53-0	0.000
72	HYDROXY-CITRONELLAL	107-75-5	0.000
73	ISO EUGENOL	97-54-1	0.000
74	AMYLCIN-NAMYL ALCOHOL	101-85-9	0.000
75	BENZYL SALICYLATE	118-58-1	0.000
76	CINNAMAL	104-55-2	0.000
77	COUMARIN	91-64-5	0.000
78	GERANIOL	106-24-1	0.000
79	HYDROXYISOHEXYL 3-CYCLOHEXENE CARBOXALDEHYDE	31906-04-4	0.000
80	ANISE ALCOHOL	105-13-5	0.000
81	BENZYL CINNAMATE	103-41-3	0.000
82	FARNESOL	4602-84-0	0.000
83	BUTYLPHENYL METHYLPROPIONAL	80-54-6	0.000
84	LINALOOL	78-70-6	0.000
85	BENZYL BENZOATE	120-51-4	0.000
86	CITRONELLOL	106-22-9	0.000
87	HEXYL CINNAM-ALDEHYDE	101-86-0	0.000
88	LIMONENE	5989-27-5	0.000
89	METHYL 2-OCTYNOATE	111-12-6	0.000
90	ALPHA-ISOMETHYL IONONE	127-51-5	0.000
91	EVERNIA PRUNASTRI EXTRACT	90028-68-5	0.000
92	EVERNIA FURFURACEA EXTRACT	90028-67-4	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

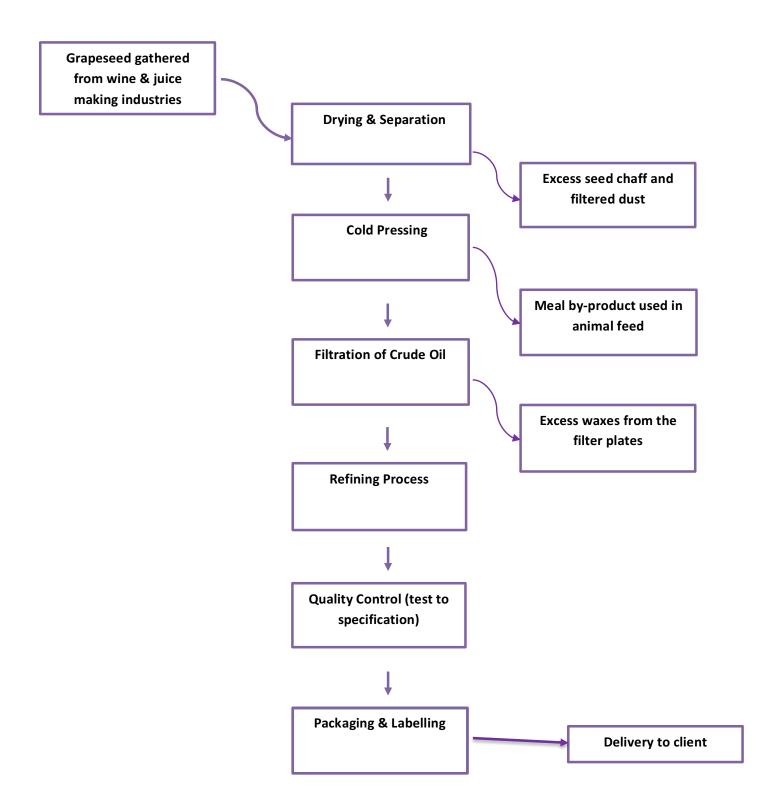
Composition Statement & Manufacturing Flow Chart:

Madar Corporation Limited can hereby confirm the following composition breakdown & manufacturing process flow;

Grapeseed Oil, Refined

INCI Name	% Inclusior	CAS Number
Vitis Vinifera Seed Oil	100	8024-22-4 / 84929-27-1

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



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PRODUCT STATEMENTS

NATURAL INDEX STATEMENT

WE HEREBY DECLARE THE FOLLOWING WITH REGARDS TO:

GRAPESEED OIL, REFINED NATURAL INDEX: 1 NATURAL CONTENT: 100% NATURAL ORIGIN INDEX: 1 NATURAL ORIGIN CONTENT: 100%

08/02/2021

GMO Statement

PRODUCT NAME: Grapeseed

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

06/03/2023

Material Safety Data Sheet

EU Regulation: 2020/878

SECTION 1: Identification of the substance/mixture and of the company/undertaking					
SECTION 1: Identification of	the substance/	mixture c	and of the company/u	indertaking	
1.1 Product Identification					
Product Name	GRAPESEED OIL, REFI	NED			
Biological Definition	VITIS VINIFERA SEED (Dil is a fixed o	DIL OBTAINED FROM THE GRAPE SEEL)	
INCI Name	VITIS VINIFERA SEED (DIL			
Synonyms & Trade Names	GRAPESEED OIL	GRAPESEED OIL			
Internal Product Code					
CAS-No	85594-37-2 / 84929-27-1 / 8024-22-4	EC No.	287-896-9 / 284-511-6	EINECS NO.	287-896-9 / 284-511-6
1.2 Details of the supplier of the safety data sheet					
Company Address	Madar Corporation Limited 19 - 20 Sandleheath Industrial Estate, Fordingbrdige, SP6 1PA				
Email	technical@madarcorporation.co.uk				
1.3 Details of the supplier of the safety data 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 1907/2006.	
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	fs	
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 discrete for the second	Not Applicable.	
SECTION 5: Fire Fighting 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 References to other sections	Refer & consider section 8. 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. Preven 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 Properties		

9.1 Physical & Chemical Properties	
Appearance	OILY LIQUID
Colour	LIGHT YELLOW – LIGHT GREEN
Odour	Odourless
Relative Density	NO DATA.
Refractive Index	NO DATA.
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.
SECTION 10: Stability & 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.
Other information	Not Applicable.
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 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** Road (ADR), Rail (RID), Sea (IMDG) and Air (ICAO), transport not restricted in drums or Warning icon 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. **SECTION 15: Regulatory Information**

15.1

Product specific safety, health & environmental regulations & legislation		
EU Directives	Regulation (EC) No 1907/2006 of the European Parliament and of the council of 18 th 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).	
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.	
Assessment has not been carried out as this is a non-hazardous material according article 31 of REACH 1907/2006.		

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

Documentation Revision Date Change Description 10th April 2018 Data Launch November 2020 Review December 2022 EU Regulation changed

SPECIFICATION SHEET
PRODUCT NAME: GRAPESEED OIL, REFINED
Product Inci: Vitis Vinifera Seed Oil
CAS NUMBER: 85594-37-2 / 84929-27-1 / 8024-22-4
EINECS NUMBER: 287-896-9 / 284-511-6
Shelf Life: 24 Months

ANALYTICAL DETAILS	Range %		
APPEARANCE	Yellowish to green oily liquid		
Odour	Odourless		
SPECIFIC GRAVITY @ 20°C	0.910 - 0.922		
REFRACTIVE INDEX @ 20°C	1.463 – 1.476		
SAPONIFICATION VALUE	182.0 – 194.0		
UNSAPONIFIABLE MATTER	<1.0		
FREE FATTY ACID (% AS OLEIC)	<1.0		
PEROXIDE VALUE	<10.0		
IODINE VALUE	125.0 – 145.0		
ACID VALUE	<0.5		

FATTY ACID PROFILE	ROFILE RANGE %			
C-CHAIN	ACID NAME			
C16:0	Palmitic	6.0 - 8.0		
C16:1	Palmitoleic	<0.5		
C18:0	STEARIC	3.0 - 6.0		
C18:1	Oleic	12.0 – 28.0		
C18:2	Linoleic	60.0 – 76.0		
C18:3	Linolenic	< 0.5		
C20:0	ARACHIDIC	< 0.5		
DATE	ISSUED BY	VERSION	REASON FOR UPDATE	
28/03/2023	M.R-L	2.0	CHANGES IN: SPECIFIC GRAVITY @ 20°C REFRACTIVE INDEX @ 20°C SAPONIFICATION VALUE UNSAPONIFIABLE MATTER PEROXIDE VALUE IODINE VALUE FATTY ACID PROFILE REMOVED: COLOUR LOVIBOND (51/4" CELL)	

Vegetarian & Vegan Suitability Statement

PRODUCT NAME: Grapeseed

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.

06/03/2023