

CERTIFICATE OF ANALYSIS

PRODUCT NAME: HEMP SEED OIL REFINED

BATCH NUMBER: 4581304
PRODUCT INCI: CANNABIS SATIVA OIL

CAS NUMBER: 89958-21-4 EINECS NUMBER: 289-644-3

MANUFACTURING METHOD: COLD PRESSED & REFINED

BBE: JUNE 2027

Analytical Details	RANGE %	RESULT
Appearance	CLEAR - LIGHT YELLOW OILY LIQUID	-
Odour	Odourless	-
SPECIFIC GRAVITY @ 20°C (G/ML)	0.920 - 0.930	0.927
REFRACTIVE INDEX @ 20°C	1.470 – 1.485	1.470
SAPONIFICATION VALUE (MG KOH/G)	185 – 195	191.0
Unsaponifiable Matter (G/KG)	<2.5	1.25
ANISIDINE VALUE	<15.0	7.5
PEROXIDE VALUE (MEQ/KG)	<10.0	1.9
ACID VALUE (MG KOH/G)	<1.0	0.2
MOISTURE (%)	<0.1	<0.1
YEAST & MOULDS (CFU/G)	<100	COMPLIES
TOTAL VIABLE COUNT OR TOTAL PLATE COUNT (CFU/G)	<1000	COMPLIES
THC CONTENT (PPM)	<10ppm	0.1

FATTY ACID PROFILE		RANGE %	RESULT
C-CHAIN	ACID NAME		
C16:0	PALMITIC	4.0 – 12.0	8.3
C18:0	STEARIC	< 5.0	2.6
C18:1	OLEIC	5.0 – 20.0	12.0
C18:2	LINOLEIC	45.0 – 66.0	56.5
C18:3	Alpha Linolenic	14.0 – 30.0	17.9



Allergen Declaration:

PRODUCT NAME: INCI:	Hemp Seed Oil, Refined Cannabis Sativa Oil			
The	COSMETIC ALLERGENS Following is from the 7th amendment of the cosmetic directive of the European Union Annex iii.			
nex Illa Reference:		CAS NUMBER:	TOTAL ALLERGEN INCLUSION (%):	
67	AMYL CINNAMAL	122-40-7	0.00	
68	BENZYL ALCOHOL	100-51-6	0.00	
69	CINNAMYL ALCOHOL	104-54-1	0.00	
70	CITRAL	5392-40-5	0.00	
71	EUGENOL	97-53-0	0.00	
72	HYDROXY-CITRONELLAL	107-75-5	0.00	
73	ISOEUGENOL	97-54-1	0.00	
74	AMYLCIN-NAMYL ALCOHOL	101-85-9	0.00	
75	BENZYL SALICYLATE	118-58-1	0.00	
76	CINNAMAL	104-55-2	0.00	
77	COUMARIN	91-64-5	0.00	
78	GERANIOL	106-24-1	0.00	
79	HYDROXY- METHYLPENTYLCYCLOHEXENECARBOXALDEHYDE	31906-04-4	0.00	
80	ANISE ALCOHOL	105-13-5	0.00	
81	BENZYL CINNAMATE	103-41-3	0.00	
82	FARNESOL	4602-84-0	0.00	
83	BUTYLPHENYL METHYLPROPIONAL	80-54-6	0.00	
84	LINALOOL	78-70-6	0.00	
85	BENZYL BENZOATE	120-51-4	0.00	
86	CITRONELLOL	106-22-9	0.00	
87	HEXYL CINNAM-ALDEHYDE	101-86-0	0.00	
88	LIMONENE	5989-27-5	0.00	
89	METHYL HEPTIN CARBONATE	111-12-6	0.00	
90	ALPHA-ISOMETHYL IONONE	127-51-5	0.00	
91	EVERNIA PRUNASTRI EXTRACT	90028-68-5	0.00	
92	EVERNIA FURACEA EXTRACT	90028-67-4	0.00	
following is from the comm	FOOD ALLERGENS ision directive 2007/68/EC of 27th November 2007 amending Annex like to Directive 200/13/EC of the European Parisk	rment & Council with regards to specific food inc	gredients.	
nex Illa Reference:		PRESENT IN PRODUCT:	CONTAMINATION PRESENCE:	FACTORY 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	NO
10	MUSTARD	NO	NO	YES
11	SESAME	NO	NO	YES
12	SULPHUR DIOXIDE & SULPHITES	NO	NO	NO
	LUPIN	NO	NO	NO
13				



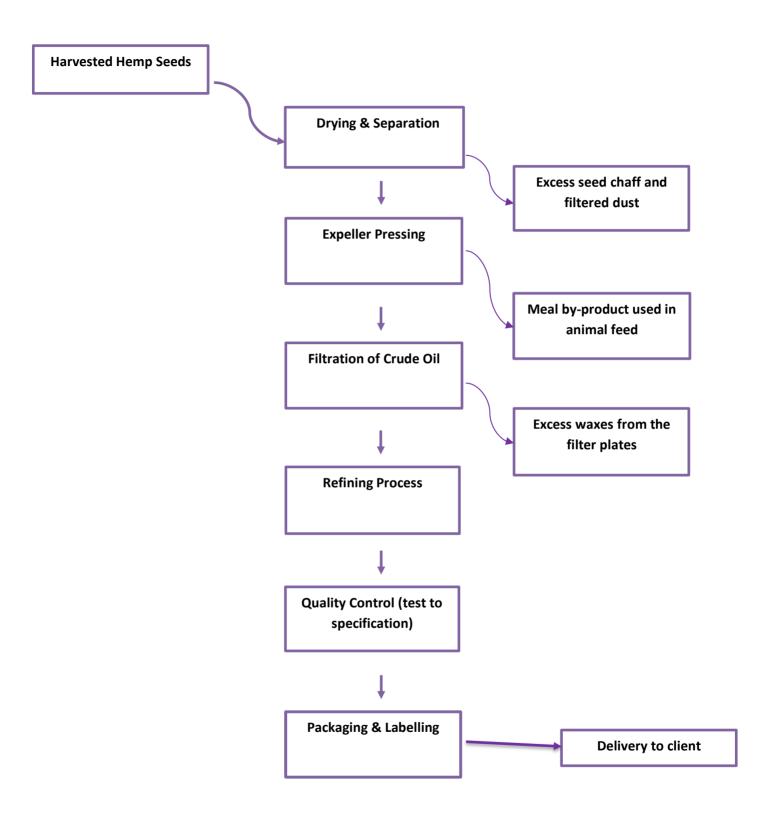
Composition Statement & Manufacturing Flow Chart:

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

Hemp Seed Oil, Refined

INCI Name	% Inclusion	CAS Number
Cannabis Sativa Oil	100	89958-21-4

MYSTIC M@MENTS



GMO Statement

PRODUCT NAME: Hemp Seed Oil Refined

 \mbox{MADAR} Corporation Limited can confirm that the above listed product is GMO Free.

29-06-2023



Material Safety Data Sheet

EU Regulation: 1907/2006

SECTION 1: Identification of	the substance/	mixture a	and of the company/u	ındertaking	
1.1 Product Identification					
Product Name	HEMP SEED OIL, REFIN	ED			
Biological Definition	Cannabis Sativa Oi	l is a fixed oil	OBTAINED FROM THE HEMP PLANT		
INCI Name	Cannabis Sativa Oi	Cannabis Sativa Oil			
Synonyms & Trade Names	HEMP SEED OIL				
Internal Product Code					
CAS-No	89958-21-4	EC No.	289-644-3	EINECS No.	289-644-3
1.2 Details of the supplier of the safety data sheet					
Company Address	Madar Corporation Limited 9 - 20 Sandleheath Industrial Estate, Fordingbridge, Hampshire, SP6 1PA				
Email	technical@madarcorporation.co.uk				
1.3 Details of the supplier of the safety dat					
Emergency Contacts	01425 655555				



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	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	
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 Measure	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.
6.4	
6.4 References to other sections	Refer & consider section 13. Handle in accordance with good hygiene and safety practice. Keep containers sealed when not in use. Prever spills & leaks to avoid slip hazard. Always wear personal protective clothing (refer to section 8). Do not eat,
6.4 References to other sections SECTION 7: Handling & Storage 7.1	Handle in accordance with good hygiene and safety practice. Keep containers sealed when not in use. Prever 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.
6.4 References to other sections SECTION 7: Handling & Storage 7.1 Precautions for safe-handling 7.2 Conditions for safe storage, including any	Handle in accordance with good hygiene and safety practice. Keep containers sealed when not in use. Prever 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. Keep the product container tightly closed, in a dry, ventilated area (at temperatures <20°C). Keep away from
6.4 References to other sections SECTION 7: Handling & Storage 7.1 Precautions for safe-handling 7.2 Conditions for safe storage, including any incompatibilities 7.3	Handle in accordance with good hygiene and safety practice. Keep containers sealed when not in use. Prever 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. Keep the product container tightly closed, in a dry, ventilated area (at temperatures <20°C). Keep away fro potential sources of ignition and protected from light. Maintain limited contact with oxygen.
6.4 References to other sections SECTION 7: Handling & Storage 7.1 Precautions for safe-handling 7.2 Conditions for safe storage, including any incompatibilities 7.3 Specific end use(s) SECTION 8: Exposure Controls &	Handle in accordance with good hygiene and safety practice. Keep containers sealed when not in use. Prever 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. Keep the product container tightly closed, in a dry, ventilated area (at temperatures <20°C). Keep away fro potential sources of ignition and protected from light. Maintain limited contact with oxygen.
6.4 References to other sections SECTION 7: Handling & Storage 7.1 Precautions for safe-handling 7.2 Conditions for safe storage, including any incompatibilities 7.3 Specific end use(s) SECTION 8: Exposure Controls & Personal Protection 8.1	Handle in accordance with good hygiene and safety practice. Keep containers sealed when not in use. Prever 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. Keep the product container tightly closed, in a dry, ventilated area (at temperatures <20°C). Keep away fro potential sources of ignition and protected from light. Maintain limited contact with oxygen. No Data.
6.4 References to other sections SECTION 7: Handling & Storage 7.1 Precautions for safe-handling 7.2 Conditions for safe storage, including any incompatibilities 7.3 Specific end use(s) SECTION 8: Exposure Controls & Personal Protection 8.1 Control Parameters 8.2	Handle in accordance with good hygiene and safety practice. Keep containers sealed when not in use. Preversibils & 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. Keep the product container tightly closed, in a dry, ventilated area (at temperatures <20°C). Keep away fro potential sources of ignition and protected from light. Maintain limited contact with oxygen. No Data. None.
6.4 References to other sections SECTION 7: Handling & Storage 7.1 Precautions for safe-handling 7.2 Conditions for safe storage, including any incompatibilities 7.3 Specific end use(s) SECTION 8: Exposure Controls & Personal Protection 8.1 Control Parameters 8.2 Exposure Controls	Handle in accordance with good hygiene and safety practice. Keep containers sealed when not in use. Preverspills & 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. 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. No Data.
6.4 References to other sections SECTION 7: Handling & Storage 7.1 Precautions for safe-handling 7.2 Conditions for safe storage, including any incompatibilities 7.3 Specific end use(s) SECTION 8: Exposure Controls & Personal Protection 8.1 Control Parameters 8.2 Exposure Controls Eye Protection	Handle in accordance with good hygiene and safety practice. Keep containers sealed when not in use. Prever 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. 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. No Data. None. Not required as a non-toxic product, however we still recommend taking precautions by wearing protective eye-wear when handling the product. None.
6.4 References to other sections SECTION 7: Handling & Storage 7.1 Precautions for safe-handling 7.2 Conditions for safe storage, including any incompatibilities 7.3 Specific end use(s) SECTION 8: Exposure Controls & Personal Protection 8.1 Control Parameters 8.2 Exposure Controls Eye Protection Hand Protection	Handle in accordance with good hygiene and safety practice. Keep containers sealed when not in use. Preversonally sealed 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. 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. No Data. None.



SECTION 9: Physical & Chemical Properties	
9.1 Physical & Chemical Properties	
Appearance	OILY LIQUID
Colour	CLEAR - LIGHT YELLOW
Odour	Odourless
Relative Density	NO DATA.
Refractive Index	1.420 – 1.485
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	
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.
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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	
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.
SECTION 15: Regulatory Information	
15.1	



Product specific safety, health & environmental regulations & legislation	
	Regulation (EC) No 1907/2006 of the European Parliament and of the council of 18th
EU Directives	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
Approved Code of Fractice	sheets for substances & preparations.
Guidance Notes	Workplace exposure limits EH40. CHIP for everyone HSG 108.
15.2	Assessment has not been carried out as this is a non-hazardous material according to
Chemical Safety Assessment	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	
Aut	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	
10 th April 2021	Data Launch	



SPECIFICATION SHEET

PRODUCT NAME: HEMP SEED OIL, REFINED

PRODUCT INCI: CANNABIS SATIVA OIL

CAS NUMBER: 89958-21-4 EINECS NUMBER: 289-644-3

MANUFACTURING METHOD: COLD PRESSED & REFINED

SHELF LIFE: 24 MONTHS

DOCUMENTATION REVIEWED: MAY 2018

ANALYTICAL DETAILS	RANGE %
Appearance	CLEAR - LIGHT YELLOW OILY LIQUID
Colour (Gardner)	<7.0
ODOUR	ODOURLESS
SPECIFIC GRAVITY @ 20°C	0.916 – 0.935
REFRACTIVE INDEX @ 20°C	1.420 – 1.485
SAPONIFICATION VALUE	180 - 200
Unsaponifiable Matter	<2.5
ANISIDINE VALUE	<15.0
PEROXIDE VALUE	<10.0
IODINE VALUE	70 - 85
ACID VALUE	<1.0
MOISTURE	<0.1
Salmonella (cfu/g)	ABSENT
E. COU (CFU/G)	ABSENT
STAPHYLOCOCCUS AUREUS (CFU/G)	ABSENT
YEAST & MOULDS (CFU/G)	<100
TOTAL VIABLE COUNT OR TOTAL PLATE COUNT (CFU/G)	<1000

FATTY ACID PROFILE		Range %
C-CHAIN	ACID NAME	
C16:0	PALMITIC	4.0 – 12.0
C18:0	STEARIC	1.0 - 7.0
C18:1	OLEIC	5.0 – 20.0
C18:2	LINOLEIC	45.0 – 69.0
C18:3	Alpha Linolenic	14.0 – 30.0
C18:3	Gamma Linolenic	<5.0
C20:0	Arachidic	< 2.0
C20:1	Eicosanoic	<1.0

Vegetarian & Vegan Suitability Statement

PRODUCT NAME: Hemp Seed Oil Refined

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.

29-06-2023