

CERTIFICATE OF ANALYSIS

PRODUCT NAME: POMEGRANATE SEED OIL, COLD PRESSED

BATCH NUMBER: 4566012

PRODUCT INCI: PUNICA GRANATUM OIL

PRODUCT CODE: OVPOME
CAS NUMBER: 84961-57-9
EINECS NUMBER: 284-646-0

MANUFACTURING METHOD: COLD PRESSED

BBE: January 2027

Analytical Details	Range %	Result
Appearance	OILY LIQUID	-
Odour	Characteristic	-
COLOUR	YELLOW - GOLDEN	-
FREE FATTY ACID	<5.0	0.61
ACID VALUE	<10.0	1.18
PEROXIDE VALUE (MEQ O ₂ / KG)	<10.0	9.78

FATTY ACID PROFILE		RANGE %	RESULT
C-CHAIN	ACID NAME		
C16:0	PALMITIC	2.0-8.0	7.92
C18:0	STEARIC	2.0 – 10.0	2.1
C18:1	OLEIC	10.0 - 25.0	10.11
C18:2	LINOLEIC	3.0 – 15.0	14.86
C18:3	LINOLENIC	<5.0	0.14
C18:3	PUNcIC	40 – 75	74.86



ALLERGEN STATEMENT

PRODUCT NAME: POMEGRANATE SEED OIL, COLD PRESSED

COSMETIC ALLERGENS

NO.	ANNEXI	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	-
12	331	CAMPHOR	76-22-2 / 464-49-3 21368-68-3 / 464-48-2	-
13	332	BETA-CARYOPHYLLENE	87-44-5	-
14	333	CARVONE	99-49-0 / 6485-40-1 / 2244-16-8	-
15	76	CINNAMAL	104-55-2	-
16	69	CINNAMYL ALCOHOL	104-54-1	-
17	70	CITRAL	5392-40-5	-
18	86	CITRONELLOL	106-22-9 / 1117-61-9 / 7540-51- 4	-
19	77	COUMARIN	91-64-5	-
		DAMASCENONE	23696-85-7	-
20	457	ALPHA-DAMASCONE (CIS & TRANS)	43052-87-5 / 23726-94-5 24720- 09-0	-
20	157	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 ACETATE	151-05-3	-
22	71	EUGENOL	97-53-0	-

MYSTIC M@MENTS

23 368 EUGENYL ACETATE 93-28-7 -					
25 78 GERANIOL 106-24-1 -	23	368	EUGENYL ACETATE	93-28-7	-
26 369 GERANYL ACETATE 105-87-3 -	24	82	FARNESOL	4602-84-0	-
27 335 HEXADECANOLACTONE 109-29-5 -	25	78	GERANIOL	106-24-1	-
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 - 42 371 ALPHA-PINENE 80-56-8 - 43 175 PROPYLIDENE PHTALIDE 17369-59-4 -	26	369	GERANYL ACETATE	105-87-3	-
1222-05-5	27	335	HEXADECANOLACTONE	109-29-5	-
30 72	28	336		1222-05-5	-
31 73 ISOEUGENOL (CIS & TRANS) 97-54-1 / 5932-68-3 5912-86-7 -	29	87	HEXYL CINNAMAL	101-86-0	-
32 370 ISOEUGENYL ACETATE 93-29-8 -	30	72	HYDROXYCITRONELLAL	107-75-5	-
33 90 ALPHA -ISOMETHYLIONONE 127-51-5 -	31	73	ISOEUGENOL (CIS & TRANS)	97-54-1 / 5932-68-3 5912-86-7	-
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 - 42 371 ALPHA-PINENE 80-56-8 - 43 175 PROPYLIDENE PHTALIDE 17369-59-4 -	32	370	ISOEUGENYL ACETATE	93-29-8	-
35 84 LINALOOL 78-70-6 -	33	90	ALPHA -ISOMETHYLIONONE	127-51-5	-
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 - 42 371 ALPHA-PINENE 80-56-8 - BETA-PINENE 127-91-3 - 43 175 PROPYLIDENE PHTALIDE 17369-59-4 -	34	88	(DL)-LIMONENE	5989-27-5	-
37 338 MENTHOLS 1490-04-6 / 89-78-1 / 2216-51-5 / 15356-60-2	35	84	LINALOOL	78-70-6	-
37 2216-51-5 / 15356-60-2	36	337	LINALYL ACETATE	115-95-7	-
2216-51-5 / 15356-60-2	27	338	MENTHOLS	1490-04-6 / 89-78-1 /	-
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 - 42 371 ALPHA-PINENE 80-56-8 - BETA-PINENE 127-91-3 - 43 175 PROPYLIDENE PHTALIDE 17369-59-4 -	5/			2216-51-5 / 15356-60-2	
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 42 371 ALPHA-PINENE 80-56-8 - BETA-PINENE 127-91-3 - 43 175 PROPYLIDENE PHTALIDE 17369-59-4 -	38	46	6-METHYL COUMARIN	92-48-8	-
41 339 3-METHYL-5-(2,2,3-TRIMETHYL-3- CYCLOPENTYL) PENT-4-EN-2-OL 67801-20-1 -	39	89	METHYL 2-OCTYNOATE	111-12-6	-
41 CYCLOPENTYL) PENT-4-EN-2-OL 67801-20-1 42 371 ALPHA-PINENE 80-56-8 - BETA-PINENE 127-91-3 - 43 175 PROPYLIDENE PHTALIDE 17369-59-4 -	40	324	METHYL SALICYLATE	119-36-8	-
42 371 BETA-PINENE 127-91-3 - 43 175 PROPYLIDENE PHTALIDE 17369-59-4 -	41	339	· ·	67801-20-1	-
BETA-PINENE 127-91-3 -			ALPHA-PINENE	80-56-8	-
7.555	42	3/1	BETA-PINENE	127-91-3	-
44 340 SALICYLALDEHYDE 90-02-8 -	43	175	PROPYLIDENE PHTALIDE	17369-59-4	-
	44	340	SALICYLALDEHYDE	90-02-8	-
ALPHA-SANTANOL 115-71-9 -			ALPHA-SANTANOL	115-71-9	-
45 341 BETA-SANTANOL 77-42-9 -	45	341	BETA-SANTANOL	77-42-9	-
46 342 SCLAREOL 515-03-7 -	46	342	SCLAREOL	515-03-7	-
343 TERPINEOL (MIXTURE OF ISOMERS) 8000-41-7 / 98-55-5 -	4-	343	TERPINEOL (MIXTURE OF ISOMERS)	8000-41-7 / 98-55-5	-
138-87-4 / 586-81-2	47			138-87-4 / 586-81-2	
48 131 ALPHA-TERPINENE 99-86-5 -	48	131	ALPHA-TERPINENE	99-86-5	-
49 133 TERPINOLENE 586-62-9 -	49	133	TERPINOLENE	586-62-9	-
344 TETRAMETHYL FAACA FO A CRIEF -		344	TETRAMETHYL	54464 57 3 / 54464 50 4 68455	-
50 ACETYLOOCTAHYDRONAPHTHALEN ES 54464-57-2 / 54464-59-4 68155-66-8 / 68155-67-9	50				
51 345 TRIMETHYL-BENZENEPROPANOL (MAJANTOL) 103694-68-4	51	345		103694-68-4	-
<u>l</u>	52	346	VANILLIN	121-33-5	-

MYSTIC M@MENTS

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	-
37	330	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	
		CITRUS AUTANTIUM DULCIS PEEL OIL (SINENSIS)	97766-30-8 8028-48-6 / 8008-57-9	-
		CITRUS BERGAMIA PEEL OIL	68648-33-9 / 89957-91-5 92704-	-
59	352	CITROS BERGAIVIIA PEEL OIL	01-3	-
60	353	CITRUS LIMONUM PEEL OIL	84929-31-7 / 8008-56-8	_
- 00	354	CYMBOPOGON CITRATUS,	91844-92-7 / 8007-02-1 89998-	-
61	334	SCHOENANTHUS OILS	16-3	
62	355	EUCALYPTUS SPP. LEAF OIL	92502-70-0 / 8000-48-4	-
	356	EUGENIA CARYOPHYLLUS	8000-34-8 / 8015-97-2 84961-	-
63			50-2	
64	92	EVERNIA FURDURACEA (TREEMOSS) EXTRACT	90028-67-4	-
65	91	EVERNIA PRUNASTRI (OAKMOSS) EXTRACT	90028-68-5	-
66	357	JASMINUM GRANDIFLORUM /	84776-64-7 / 90045-94-6 8022-	-
00		OFFICINALE	96-6 / 8024-43-9	
67	358	JUNIPERUS VIRGINIANA	8000-27-9 / 85085-41-2	-
68	359	LAURUS NOBILIS	8002-41-3 / 8007-48-5 / 84603-	-
			73-6	
		LAVANDULA HYBRIDA	91722-69-9	-
69	360	LAVANDULA INTERMEDIA	84776-65-8	-
		(ANGUSTIFOLIA)		
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- 14-0	-
81	196	VERBENA ABSOLUTE	8024-12-2	-

[&]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



GMO Statement

PRODUCT NAME: POMEGRANATE SEED OIL, COLD PRESSED

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

14/11/2023



MANUFACTURING FLOW & INCI STATEMENT

PRODUCT NAME: POMEGRANATE SEED OIL, COLD PRESSED

INCI STATEMENT

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

INCI Name	% Inclusion	CAS Number
Punica Granatum Seed Oil	100	84961-57-9

MYSTIC M@MENTS

MANUFACTURING FLOW Pomegranate seeds harvested in Turkey Seed Drying & **Separation** Excess bean chaff and filtered dust **Cold Pressing** Meal by-product used in animal feed **Filtration of Cold Pressed Oil Excess waxes from** the filter plates **Quality Control (test** to specification) Packaging & Labelling **Delivery to client**



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	Pomegranate Seed	OIL, COLD PRES	SSED		
Biological Definition	Punica Granatum	SEED OIL IS A FIX	KED OIL OBTAINED FROM THE POMI	EGRANATE SEED	
INCI Name	Punica Granatum	SEED OIL			
Synonyms & Trade Names	POMEGRANATE OIL				
Internal Product Code					
CAS-No	84961-57-9	EC No.	284-646-0	EINECS No.	284-646-0
1.2 Details of the supplier of the safety date	a sheet				
Company Address	Madar Corporatio	n Limited, 19	- 20 Sandleheath Industrial E	state, Fordingbridge	e, SP6
Email	technical@madarc	corporation.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	
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	res
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	
6.4 References to other sections	
6.4 References to other sections SECTION 7: Handling & Storage 7.1	Refer & consider section 13. Handle in accordance with good hygiene and safety practice. Keep containers sealed when not in use. Prev spills & leaks to avoid slip hazard. Always wear personal protective clothing (refer to section 8). Do not early drink, sniff or smoke whilst handling this product. Provide suitable mechanical equipment for the safe handling this product.
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. Presspills & leaks to avoid slip hazard. Always wear personal protective clothing (refer to section 8). Do not early 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 for the safe handling this product container tightly closed, in a dry, ventilated area (at temperatures <20°C).
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. Presspills & leaks to avoid slip hazard. Always wear personal protective clothing (refer to section 8). Do not early 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 for 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. Presspills & leaks to avoid slip hazard. Always wear personal protective clothing (refer to section 8). Do not ear drink, sniff or smoke whilst handling this product. Provide suitable mechanical equipment for the safe handling drums & heavy packages. Keep the product container tightly closed, in a dry, ventilated area (at temperatures <20°C). Keep away to 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 Control Parameters 8.2	Handle in accordance with good hygiene and safety practice. Keep containers sealed when not in use. Prespills & leaks to avoid slip hazard. Always wear personal protective clothing (refer to section 8). Do not ead drink, sniff or smoke whilst handling this product. Provide suitable mechanical equipment for the safe handling drums & heavy packages. Keep the product container tightly closed, in a dry, ventilated area (at temperatures <20°C). Keep away to 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. Prespills & leaks to avoid slip hazard. Always wear personal protective clothing (refer to section 8). Do not early drink, sniff or smoke whilst handling this product. Provide suitable mechanical equipment for the safe handling for drums & heavy packages. Keep the product container tightly closed, in a dry, ventilated area (at temperatures <20°C). Keep away 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. Pre spills & leaks to avoid slip hazard. Always wear personal protective clothing (refer to section 8). Do not ead 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 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 Eye Protection Hand Protection	Refer & consider section 13. Handle in accordance with good hygiene and safety practice. Keep containers sealed when not in use. Pre spills & leaks to avoid slip hazard. Always wear personal protective clothing (refer to section 8). Do not early drink, sniff or smoke whilst handling this product. Provide suitable mechanical equipment for the safe handling drums & heavy packages. Keep the product container tightly closed, in a dry, ventilated area (at temperatures <20°C). Keep away 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 Eye Protection Hand Protection Respiratory Equipment	Refer & consider section 13. Handle in accordance with good hygiene and safety practice. Keep containers sealed when not in use. Pre spills & leaks to avoid slip hazard. Always wear personal protective clothing (refer to section 8). Do not early drink, sniff or smoke whilst handling this product. Provide suitable mechanical equipment for the safe handl of drums & heavy packages. Keep the product container tightly closed, in a dry, ventilated area (at temperatures <20°C). Keep away 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	Refer & consider section 13. Handle in accordance with good hygiene and safety practice. Keep containers sealed when not in use. Pre spills & leaks to avoid slip hazard. Always wear personal protective clothing (refer to section 8). Do not early drink, sniff or smoke whilst handling this product. Provide suitable mechanical equipment for the safe handl of drums & heavy packages. Keep the product container tightly closed, in a dry, ventilated area (at temperatures <20°C). Keep away potential sources of ignition and protected from light. Maintain limited contact with oxygen. No Data. None.

Properties



9.1 Physical & Chemical Properties		
Appearance	OILY LIQUID	
Colour	YELLOW - GOLDEN	
Odour	Characteristic	
Relative Density	NO DATA	
Flash Point (°C)	>280°C.	
Refractive Index	1.510 – 1.525	
Melting Point (°C)		
Boiling Point (°C)	Point (°C) >100°C.	
Vapour Pressure	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. 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.	
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.
	тчог другицине.
SECTION 15: Regulatory Information	
15.1 Product specific safety, health & environmental regulations & legislation	
EU Directives	Regulation (EC) No 2020/878 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.
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.		
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	
January 2023	Review	



SPECIFICATION SHEET

PRODUCT NAME: POMEGRANATE SEED OIL, COLD PRESSED

PRODUCT INCI: PUNICA GRANATUM SEED OIL

CAS NUMBER: 84961-57-9 EINECS NUMBER: 284-646-0

MANUFACTURING METHOD: COLD PRESSED

SHELF LIFE: 24 MONTHS

Analytical Details	Range %	
Appearance	OILY LIQUID	
Odour	Characteristic	
Colour	Yellow - Golden	
FREE FATTY ACID	≤ 5.0	
ACID VALUE	≤ 10.0	
PEROXIDE VALUE (MEQ O₂/ KG) ≤ 10.0		

FATTY ACID PROFILE		Range %	
C-CHAIN	ACID NAME		
C16:0	PALMITIC	2.0 – 8.0	
C18:0	Stearic	2.0 – 10.0	
C18:1	OLEIC	10.0 - 25.0	
C18:2	Linoleic	3.0 – 20.0	
C18:3	Linolenic	<5.0	
C18:3	Punicic	35.0 – 75.0	

DATE	VERSION	REASON FOR UPDATE
02/06/2023	3.0	Changes in Fatty Acid Profile
		Removed:
		Refractive Index @ 20°C,
		Specific Gravity @ 20°C,



Vegetarian & Vegan Suitability Statement

PRODUCT NAME: POMEGRANATE SEED OIL, COLD PRESSED

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.

14/11/2023