### **CERTIFICATE OF ANALYSIS**

PRODUCT NAME: CORIANDER SEED, ESSENTIAL OIL BATCH NUMBER: 4476803 PRODUCT INCI: CORIANDRUM SATIVUM SEED OIL PRODUCT CODE: OECORI CAS NUMBER: 84775-50-8 EINECS NUMBER: 283-880-0 BEST BEFORE DATE: AUGUST 2025

ANALYTICAL DETAILS	RANGE	RESULTS
Appearance	LIQUID	
COLOUR	COLOURLESS - PALE YELLOW	
Odour	CHARACTERISTIC, CORIANDER	
SPECIFIC GRAVITY @ 20°C	0.860 - 0.880	
Refractive Index @ 20°C	1.460 – 1.475	

STORAGE CONDITIONS STORE IN A COOL DRY PLACE AWAY FROM HEAT & SUNLIGHT

### **ALLERGEN STATEMENT**

PRODUCT NAME: CORIANDER SEED, ESSENTIAL OIL

### **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	1.0-2.0
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	80.0 - 85.0
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	1.0 - 2.0
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

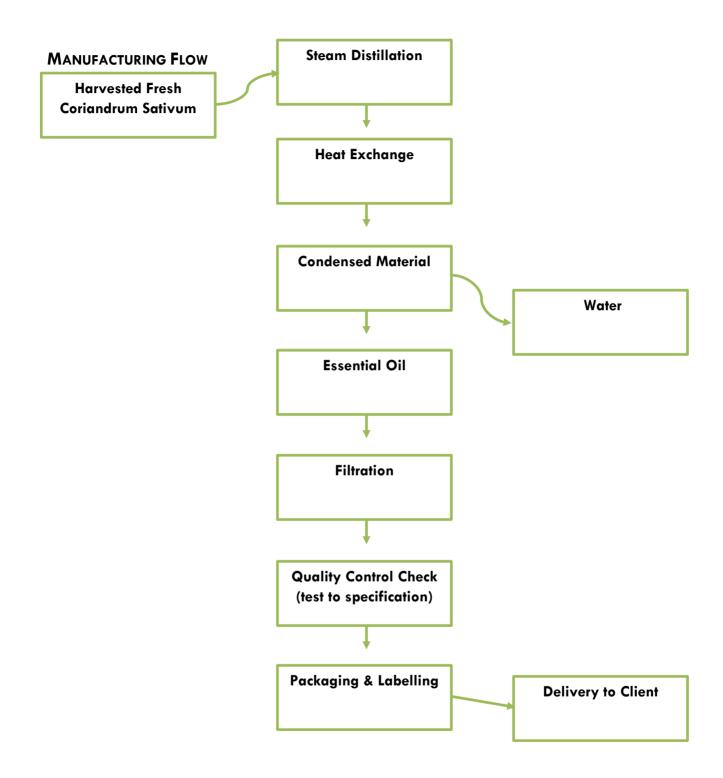
### **MANUFACTURING FLOW & INCI STATEMENT**

PRODUCT NAME: CORIANDER SEED, ESSENTIAL OIL

#### **INCI STATEMENT**

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

INCI Name	% Inclusion	CAS Number
Coriandrum Sativum Oil	100	8008-52-4 / 84775-50-8



### **GMO Statement**

PRODUCT NAME: Coriander Essential Oil

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

29/07/2022

## **IFRA STATEMENT**

#### PRODUCT NAME: CORIANDER SEED, ESSENTIAL OIL

#### WE CERTIFY THAT THE ABOVE-MENTIONED MATERIAL CONFORMS TO THE IFRA 50 CODE OF PRACTICE AND CONTAINS THE FOLLOWING RESTRICTED COMPONENTS THAT ARE LISTED IN THE 50<sup>TH</sup> AMENDMENT OF THE IFRA CODE OF PRACTICE:

Restricted Component	Cas No:	% Level in Product	IFRA Standard
Geraniol	106-24-1	≤ 10.00	Restriction Std (QRA cat)

IFRA Category	% Maximum Use Level
IFRA Category 1	53.075
IFRA Category 2	15.61
IFRA Category 3	Not Restricted
IFRA Category 4	Not Restricted
IFRA Category 5A	74.93
IFRA Category 5B	74.93
IFRA Category 5C	74.93
IFRA Category 5D	74.93
IFRA Category 6	Not Restricted
IFRA Category 7A	Not Restricted
IFRA Category 7B	Not Restricted
IFRA Category 8	31.221
IFRA Category 9	Not Restricted
IFRA Category 10	Not Restricted
IFRA Category 11	Not Restricted
IFRA Category 12	Not Restricted

Category 1 Lip Products of all types (solid and liquid lipsticks, balms, clear or coloured, etc.). Children's toys. Yes (leave-on products)	Category 1	Lip Products of all types (solid and liquid lipsticks, balms, clear or coloured, etc.). Children's toys.	Yes	
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Category 2	Deodorant and antiperspirant products of all types including any product with intended or reasonably foreseeable use on the axillae or labelled as such (spray, stick, roll-on, under-arm, deo-cologne, etc.). Body sprays (including body mist)	No	Applicable (leave-on products)
Category 3	Eye products of all types (eye shadow, mascara, eyeliner, eye make-up, eye masks, eye pillows, etc.) including eye care and moisturizer Facial make up and foundation. Make-up remover for face and eyes. Nose pore strips. Wipes or refreshing tissues for face, neck, hands, body. Body and face paint (for children and adults). Facial masks for face and around the eyes	No	Applicable (leave-on products)
Category 4	Hydro alcoholic and non-hydro alcoholic fine fragrance of all types (Eau de Toilette, Parfum, Cologne, solid perfume, fragrancing cream, aftershaves of all types, etc.). Fragranced bracelets. Ingredients of perfume kits and fragrance mixtures for cosmetic kits. Scent pads, foil packs. Scent strips for hydro alcoholic products	No	Applicable (leave-on products)
Category 5A	Body creams, oils, lotions of all types. Foot care products (creams and powders). Insect repellent (intended to be applied to the skin). All powders and talc (excluding baby powders and talc).	No	Applicable (leave-on products)
Category 5B	Facial toner. Facial moisturizers and creams	No	Applicable (leave-on products)
Category 5C	(women facial creams) Hand cream. Nail care products including cuticle creams, etc. Hand sanitizers	No	Applicable (leave-on products)
Category 5D	Baby cream/lotion, baby oil, baby powders and talc.	No	Applicable (leave-on products)
Category 6	Toothpaste. Mouthwash, including breath sprays. Toothpowder, strips, mouthwash tablets	Yes	Applicable (leave-on products)
Category 7A	Hair permanent or other hair chemical treatments (rinse-off) (e.g. relaxers), including rinse-off hair dyes	No	Applicable (leave-on products)
Category 7B	Hair sprays of all types (pumps, aerosol sprays, etc.). Hair styling aids non-sprays (mousse, gels, leave- on conditioners). Hair permanent or other hair chemical treatments (leave-on) (e.g. relaxers), including leave-on hair dyes. Shampoo - Dry (waterless shampoo). Hair deodorizer	No	Applicable (leave-on products)
Category 8	Intimate wipes. Tampons. Baby wipes. Toilet paper (wet).	No	Applicable (leave-on products)
Category 9	Bar soap. Shampoo of all type. Cleanser for face (rinse-off). Conditioner (rinse-off). Liquid soap. Body washes and shower gels of all types. Baby wash, bath, shampoo. Bath gels, foams, mousses, salts, oils and other products added to bathwater. Foot care products (feet are placed in a bath for soaking). Shaving creams of all types (stick, gels, foams, etc.). All depilatories (including facial) and waxes for mechanical hair removal. Shampoos for pets	NO	Applicable (rinse-off products)
Category 10A	Hand wash laundry detergent (including concentrates). Laundry pre-treatment of all types (e.g. paste, sprays, sticks). Hand dishwashing detergent (including concentrates). Hard surface cleaners of all types (bathroom and kitchen cleansers, furniture polish, etc.). Machine laundry detergents with skin contact (e.g. liquids, powders) including concentrates. Dry cleaning kits. Toilet seat wipes. Fabric softeners of all types including fabric softener sheets. Household cleaning products, other types including fabric cleaners, soft surface cleaners, carpet cleaners, furniture polishes sprays and wipes, leather cleaning wipes, stain removers, fabric enhancing sprays, treatment products for textiles (e.g. starch sprays, fabric treated with fragrances after wash, deodorizers for textiles or fabrics). Floor wax. Fragranced oil for lamp ring, reed diffusers, pot-pourri, liquid refills for air fresheners (non-cartridge systems), etc. Ironing water (Odorized distilled water).	NO	Applicable (rinse-off products)
Category 10B	Animal sprays – sprays applied to animals of all types. Air freshener sprays, manual, including aerosol and pump. Aerosol/spray insecticides	NO	Applicable (rinse-off products)
Category 11A	Feminine hygiene conventional pads, liners, interlabial pads. Diapers (baby and adult). Adult incontinence pant, pad. Toilet paper (dry).	ΝΟ	Not applicable (leave-on products without UV exposure)
Category 11B	Tights with moisturizers. Scented socks, gloves. Facial tissues (dry tissues). Napkins. Paper towels. Wheat bags. Facial masks (paper/protective) e.g. surgical masks not used as medical device. Fertilizers, solid (pellet or powder).	NO	Applicable (leave-on products)
Category 12	Candles of all types (including encased). Laundry detergents for machine wash with minimal skin contact (e.g. Liquid tabs, pods). Automated air fresheners and fragrancing of all types (concentrated aerosol with metered doses (range 0.05-0.5mL/spray), plug-ins, closed systems, solid substrate, membrane delivery, electrical, powders, fragrancing sachets, incense, liquid refills (cartridge), air freshening crystals). Air delivery systems. Cat litter. Cell phone cases. Deodorizers/maskers not intended for skin contact (e.g. fabric drying machine deodorizers, carpet powders). Fuels. Insecticides (e.g. mosquito coil, paper, electrical, for clothing) excluding aerosols/sprays. Joss sticks or incense sticks. Dish wash detergent and deodorizers – for machine wash. Olfactive board games. Paints. Plastic articles (excluding toys). Scratch and sniff. Scent pack. Scent delivery system (using dry air technology). Shoe polishes. Rim blocks (Toilet).	NO	Not applicable (non- skin contact products)

### **Material Safety Data Sheet**

EU Regulation: 1907/2006

SECTION 1: IDENTIFICATION OF	THE SUBSTANCE,	/MIXTURE	AND OF THE COMPANY/	UNDERTAKING			
1.1 PRODUCT IDENTIFICATION							
PRODUCT NAME	Coriander Seed, Ess	Coriander Seed, Essential Oil					
ΙΝΟΙ ΝΑΜΕ	Coriandrum Sativ	Coriandrum Sativum Seed Oil					
Synonyms & Trade Names	-						
INTERNAL PRODUCT CODE	OECORI						
CAS-No	84775-50-8	EC No.	283-880-0	EINECS No.	283-880-0		
1.2 DETAILS OF THE SUPPLIER OF THE SAFETY DAT	A SHEET						
Company Address	Madar Corporatior 19 - 20 Sandlehea		Estate, Fordingbridge, SP6 1PA	A			
EMAIL	technical@madarcorpo	ration.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	The Full Text for all Hazard Statements displayed in Section 16. Hydrocarbon Content: 15% Human health : May cause serious eye damage and skin irritation May cause lung damage if swallowed. Environment : The product contains a substance which is toxic to aquatic organisms and which may cause long term adverse effects in the aquatic environment.
CLASSIFICATION (67/548/EEC)	NO ADDITIONAL DATA AVAILABLE.
CLASSIFICATION (EU1272/2008)	Physical hazards:Not Classified.Health hazards:Skin Irrit. 2 - H315; Eye Irrit. 2 - H319; Skin Sens. 1 - H317; Asp. Tox. 1 -H304Environmental hazards:Aquatic Chronic 2 - H411
2.2 LABEL ELEMENTS	Label in accordance with Regulation (EC) No 1272/2008.
GHS LABEL	
Signal Word	Danger.
Contains	GERANIOL, Limonene, pinenes
HAZARDS STATEMENT	H304 May be fatal if swallowed and enters airways. H315 Causes skin irritation. H317 May cause an allergic skin reaction. H319 Causes serious eye irritation. H411 Toxic to aquatic life with long lasting effects.
Signal Word	Danger.
Precautionary Statements	P273 Avoid Release to the environment. P280 Wear protective gloves/protective clothing/eye protection/face protection. P301+310 IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. P302+352 IF ON SKIN: Wash with plenty of scap and water. P305+351+338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
Supplementary Precautionary Statements	<ul> <li>P272 CONTAMINATED WORK CLOTHING SHOULD NOT BE ALLOWED OUT OF THE WORKPLACE.</li> <li>P261 AVOID BREATHING VAPOUR/SPRAY.</li> <li>P264 WASH CONTAMINATED SKIN THOROUGHLY AFTER HANDLING.</li> <li>P321 SPECIFIC TREATMENT (SEE MEDICAL ADVICE ON THIS LABEL).</li> <li>P313 GET MEDICAL ADVICE/ATTENTION.</li> <li>P331 DO NOT INDUCE VOMITING.</li> <li>P332+313 IF SKIN IRRITATION OCCURS: GET MEDICAL ADVICE/ATTENTION.</li> <li>P333+313 IF SKIN IRRITATION OR RASH OCCURS: GET MEDICAL ADVICE/ATTENTION.</li> <li>P337 TF EYE IRRITATION PERSISTS:</li> <li>P362 TAKE OFF CONTAMINATED CLOTHING AND WASH BEFORE REUSE.</li> <li>P363 WASH CONTAMINATED CLOTHING BEFORE REUSE.</li> <li>P391 COLLECT SPILLAGE.</li> <li>P405 STORE LOCKED UP.</li> <li>P501 DISPOSE OF CONTENTS/CONTAINER TO</li> </ul>

2.3 Other Hazards								
Adverse physio-chemical properties	NO DATA.							
Adverse effects on human health	ΝΟ ΔΑΤΑ	ΙΟ ΔΑΤΑ						
PBT OR VPVB ACCORDING TO ANNEX XIII	NO DATA							
	Chemical Name	EC No.	CAS No.	Weight-%	Classification according to Regulation (EC) No. 1272/2008 [CLP]	REACH registration number		
	Linalool	Present	78-70-6	80 < 90%	Aquatic Acute 3 (H402) (EFFA) Eye Irrit. 2 (H319) (EFFA) Skin Irrit. 2 (H315)	No data available		
3.1 Aixtures					(EFFA) Acute Tox. 5 (H303)(EFFA) Flam. Liq. 4 (H227)(EFFA) Skin Sens. 1B (H317) (EFFA)			

				(EFFA) Skin Irrit. 2 (H315) (EFFA) Asp.	
				Tox. 1 (H304) (EFFA)	
				Flam. Liq. 3	
		101.10.0	1 . 100/	(H226)(EFFA)	M
Camphor, d-	Present	464-49-3	1 < 10%	STOT SE 2 (H371), Aquatic Acute 2	No data available
				(H401), Flam. Sol 2	
				(H228), Acute Tox. 4	
				(H302), Acute Tox. 4	
				(H332), Skin Irrit. 2 (H315), Eye Dam. 1	
				(H318), Aquatic	
				Chronic 2 (H411)	
gamma-Terpinene	Present	99-85-4	1 < 10%	Rep 2 (H361), Flam.	No data available
				Liq. 3, Aspir Haz. 1 (H304), Acute Tox 5	
				(H303), Skin Irrit. 3	
				(H316)	
d-Limonene	Present	5989-27-5	1 < 10%	Flammable Liq. 3	No data available
				(H226)(EFFA) Škin Irrit. 2 (H315)(EFFA)	
				Skin Sens, 1B	
				(H317)(EFFA) Asp.	
				Tox. 1 (H304)(EFFA)	
				Aquatic Acute 1 (H400)(EFFA) Aquatic	
				Chronic 1	
				(H410)(EFFA)	
Geraniol	Present	106-24-1	1 < 10%	Skin Sens. 1B (H317) Skin krit 2 (H315) Even	No data available
				Skin Irrit. 2 (H315) Eye Dam. 1 (H318)	
				Aquatic Acute 3	
				(H402) Acute Tox. 5	
Geranyl acetate	Present	105-87-3	1 < 10%	(Oral)(H303) Skin Sens. 1B (H317)	No data available
Gerariyi acetate	riesent	105-07-5	1 < 10 /0	Skin Irrit. 2 (H315)	
				Aquatic Chronic 3	
				(H412) Aquatic Acute	
Myrcene	Present	123-35-3	0.1 < 1%	2 (H401) Eye Irrit. 2 (H319)	No data available
Myroene	rioson	120 00 0	0.1 4 170	(EFFA) Skin Irrit. 2	
				(H315) (EFFA) Asp.	
				Tox. 1 (H304) (EFFA) Flam. Liquid 3 (H226)	
				(EFFA) Acute Aquatic	
				1 (H400) (EFFA)	
				Chronic Aquatic 2	
Camphene	Present	79-92-5	0.1 < 1%	(H411) (EFFA) Aguatic Acute 1	No data available
Campnene	Fresent	19-92-5	0.1 < 1%	(H400) (EFFA) Eye	No data available
				Irrit. 2B (H320) (EFFA)	
				Aquatic Chronic 1	
				(H410) (EFFA) Flam. Sol 2 (H228) (EFFA)	
para-Cymene	Present	99-87-6	0.1 < 1%	Rep Tox. 2 (H361),	No data available
				Aquatic Acute 2	
				(H401), Skin Irrit. 3 (H216) Aduatio	
				(H316), Aquatic Chronic 2 (H411),	
				Asp. Tox. 1 (H304),	
				Acute Tox. 5	
				(H303),Flam. Liq. 3 (H226)	
Terpinolene	Present	586-62-9	0.1 < 1%	(H226) Aquatic Acute 1	No data available
. orpinoiono	rioson	000 02 0	0.1 - 170	(H400) (EFFA) EFFA)	data available
				Aquatic Chronic 1	
				(H410) (EFFA) Asp. Tox. 1 (H304) (EFFA)	
				Acute Tox. 5	
I					

				(H303)(EFFA) Flam. Liq. 4 (H227)(EFFA) Skin Irrit. 3 (H316) (EFFA) Skin Sens. 1 (H317) (EFFA)	
beta-Pinene	Present	127-91-3	0.1 < 1%	Acute Aquatic 1 (H400) (EFFA) Chronic Aquatic 1 (H410) (EFFA) Skin (H410) (EFFA) Skin Irrit. 2 (H315) (EFFA) Asp. Tox. 1 (H304) (EFFA) Filam. Liq. 3 (H226) (EFFA)	No data available
Sabinene	Present	3387-41-5	0.1 < 1%	Aspiration cat 1 (H304), Flam cat 3 (H226), Skin Irri cat 2 (H315), Skin sensi cat 1B (H317), Acute aquatic cat 1 (H400), Chronic aquatic cat 1 (H410)	No data available
alpha-Terpinene	Present	99-86-5	0.01 < 0.1%	Aquatic Acute 2 (H401) (EFFA) Skin Irrit. 3 (H316) (EFFA) Aquatic Chronic 2 (H411) (EFFA) Asp. Tox. 1 (H304) (EFFA) Acute Tox. 4 (H302) (EFFA) Flam. Liq. 3 (H226)(EFFA)	No data available
trans beta-Ocimene	Present	3779-61-1	0.01 < 0.1%	Acute Tox. 5 (H303) (EFFA) Asp. Tox. 1 (H304) (EFFA) Skin Irrit. 2 (H315) (EFFA) Acute Aquatic 1 (H400) (EFFA) Chronic Aquatic 2 (H411) (EFFA) Flam. Liq. 3 (H226) (EFFA)	No data available
delta-3-Carene	Present	13466-78-9	0.01 < 0.1%	Skin Sens. 1 (H317) (EFFA) Skin Irtit. 2 (H315) (EFFA) Asp. Tox. 1 (H304) (EFFA) Acute Tox. 5 (H303) (EFFA) Flam. Liq. 3 (H226) (EFFA) Acute Aquatic 1 (H400) (EFFA) Chronic Aquatic 1 (H410) (EFFA)	No data available

SECTION 4: FIRST AID MEASURES	
4.1 Description of First Aid Measures	
GENERAL INFORMATION	ALWAYS REMOVE CONTAMINATED CLOTHING IMMEDIATELY.
INHALATION	GET MEDICAL ATTENTION IMMEDIATELY. REMOVE FROM EXPOSURE SITE TO FRESH AIR, KEEP AT REST, AND OBTAIN MEDICAL ATTENTION.
INGESTION	GET MEDICAL ATTENTION IMMEDIATELY. IMMEDIATELY CALL THE DOCTOR. RINSE MOUTH WITH WATER AND OBTAIN MEDICAL ATTENTION.
SKIN CONTACT	REMOVE CONTAMINATED CLOTHES. WASH THOROUGHLY WITH SOAP AND WATER. CONTACT PHYSICIAN IF IRRITATION PERSISTS.
EYE CONTACT	FLUSH IMMEDIATELY WITH WATER FOR AT LEAST 15 MINUTES. CONTACT PHYSICIAN IF SYMPTOMS PERSIST.
4.2 Most important symptoms & effects (Acute & Delayed)	OBSERVE RISK OF ASPIRATION IF VOMITING OCCURS.
4.3 INDICATION OF ANY IMMEDIATE MEDICAL ATTENTION OR SPECIAL TREATMENT REQUIRED	TREAT SYMPOMATICALLY.

SECTION 5: FIRE FIGHTING MEASURES				
5.1 Extinguishing material	FOAM, CO2, DRY CHEMICAL POWDER.			
5.2 Special hazards arising from the substance Or mixture	BURNING PRODUCES IRRITATING, TOXIC AND OBNOXIOUS FUMES			
5.3	SPECIAL PROTECTIVE EQUIPMENT FOR FIRE-FIGHTERS:			
Advice for fire-fighters	WEAR POSITIVE-PRESSURE SELF-CONTAINED BREATHING APPARATUS (SCBA) AND APPROPRIATE PROTECTIVE CLOTHING.			
SECTION 6: ACCIDENTAL RELEASE MEASU				
6.1 Personal precautions	ENSURE ADEQUATE VENTILATION OF THE WORKING AREA, EVACUATE PERSONNEL TO SAFE AREA, WEAR SUITABLE PROTECTIVE EQUIPMENT. NO SMOKING, SPARKS, FLAMES OR OTHER SOURCES OF IGNITION NEAR SPILLAGE. AVOID CONTACT WITH SKIN, EYES AND CLOTHING. AVOID INHALATION.			
6.2 ENVIRONMENTAL PRECAUTIONS	DO NOT DISCHARGE INTO DRAINS, WATER COURSES OR ONTO THE GROUND. DISPOSE OF IN LINE WITH LOCAL AUTHORITY GUIDELINES.			
6.3 METHODS & MATERIAL FOR CONTAINMENT AND CLEANING	REMOVE IGNITION SOURCES. PROVIDE ADEQUATE VENTILATION. AVOID EXCESSIVE INHALATION OF VAPOURS. CONTAIN SPILLAGE IMMEDIATELY BY USE OF SAND OR INERT POWDER. DISPOSE OF ACCORDING TO LOCAL REGULATIONS. COVER WITH			

AN INERT, INORGANIC, NON-COMBUSTIBLE ABSORBENT MATERIAL (E.G DRY-LIME, SAND, SODA ASH).

#### **SECTION 7: HANDLING & STORAGE**

**REFERENCES TO OTHER SECTIONS** 

7.1 Precautions for safe-handling	HANDLE IN ACCORDANCE WITH GOOD HYGIENE AND SAFETY PRACTICE. KEEP AWAY FROM HEAT, SPARKS, OPEN FLAMES AND HOT SURFACES NO SMOKING. USE PERSONAL PROTECTIVE EQUIPMENT AS REQUIRED. USE IN ACCORDANCE WITH GOOD MANUFACTURING AND INDUSTRIAL HYGIENE PRACTICES. USE IN AREAS WITH ADEQUATE VENTILATION DO NOT EAT, DRINK OR SMOKE WHEN USING THIS PRODUCT.
7.2 CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES	STORAGE CLASS: FLAMMABLE LIQUID STORAGE. STORE ONLY IN THE ORIGINAL RECEPTACLE. KEEP CONTAINER TIGHTLY SEALED. KEEP IN COOL, DRY, VENTILATED STORAGE AND CLOSED CONTAINERS. KEEP AWAY FROM HEAT.
7.3 Specielo end like(s)	The information required is contained in this Material Safety Data

REFER & CONSIDER SECTION 12.

#### SPECIFIC END USE(S)

UP 6.4

## SECTION 8: EXPOSURE CONTROLS & PERSONAL PROTECTION

	Chemical Name	European Union	United Kingdom	France	Spain	Germany
	alpha-Pinene 80-56-8	-	-	TWA: 1000 mg/m <sup>3</sup> STEL: 1500 mg/m <sup>3</sup>	TWA: 20 ppm TWA: 113 mg/m <sup>3</sup>	
	gamma-Terpinene 99-85-4	-	-	TWA: 1000 mg/m <sup>3</sup> STEL: 1500 mg/m <sup>3</sup>	-	-
	d-Limonene 5989-27-5	-	-	TWA: 1000 mg/m <sup>3</sup> STEL: 1500 mg/m <sup>3</sup>	S* TWA: 30 ppm TWA: 168 mg/m <sup>3</sup>	TWA: 5 ppm TWA: 28 mg/m <sup>3</sup> Ceiling / Peak: 20 ppm Ceiling / Peak: 112 mg/m <sup>3</sup> Skin
	Myrcene 123-35-3	-	-	TWA: 1000 mg/m <sup>3</sup> STEL: 1500 mg/m <sup>3</sup>	-	
trol Parameters	Camphene 79-92-5	-	-	TWA: 1000 mg/m <sup>3</sup> STEL: 1500 mg/m <sup>3</sup>	-	-
	para-Cymene 99-87-6	-	-	TWA: 150 mg/m <sup>3</sup> TWA: 1000 mg/m <sup>3</sup> STEL: 1500 mg/m <sup>3</sup>	-	-
	Terpinolene 586-62-9	-	-	TWA: 1000 mg/m <sup>3</sup> STEL: 1500 mg/m <sup>3</sup>	-	-
	beta-Pinene 127-91-3	-	-	TWA: 1000 mg/m <sup>3</sup> STEL: 1500 mg/m <sup>3</sup>	TWA: 20 ppm TWA: 113 mg/m <sup>3</sup>	-
	Sabinene 3387-41-5	-	-	TWA: 1000 mg/m <sup>3</sup> STEL: 1500 mg/m <sup>3</sup>	-	-
	alpha-Terpinene 99-86-5	-	-	TWA: 1000 mg/m <sup>3</sup> STEL: 1500 mg/m <sup>3</sup>	-	-
	trans beta-Ocimene	-	-	TWA: 1000 mg/m <sup>3</sup>	-	-

3779-61-1 delta-3-Carene	-	-	STEL: 1500 mg/m <sup>3</sup> TWA: 1000 mg/m <sup>3</sup>	TWA: 20 ppm	-
13466-78-9			STEL: 1500 mg/m <sup>3</sup>	TWA: 113 mg/m <sup>3</sup>	
Chemical Name	Italy	Portugal	Netherlands	Finland	Denmark
alpha-Pinene 80-56-8	-	TWA: 20 ppm	-	-	-
d-Limonene 5989-27-5	-	-	-	TWA: 25 ppm TWA: 140 mg/m <sup>3</sup> STEL: 50 ppm STEL: 280 mg/m <sup>3</sup>	-
para-Cymene 99-87-6	-	-	-	-	TWA: 25 ppm TWA: 135 mg/m <sup>3</sup>
beta-Pinene 127-91-3	-	TWA: 20 ppm	-	-	-
delta-3-Carene 13466-78-9	-	TWA: 20 ppm	-	-	-
Chemical Name	Austria	Switzerland	Poland	Norway	Ireland
alpha-Pinene 80-56-8	-	Skin STEL: 40 ppm STEL: 224 mg/m <sup>3</sup> TWA: 20 ppm TWA: 112 mg/m <sup>3</sup>	-	TWA: 25 ppm TWA: 140 mg/m <sup>3</sup> Skin STEL: 37.5 ppm STEL: 175 mg/m <sup>3</sup>	-
d-Limonene 5989-27-5	-	STEL: 14 ppm STEL: 80 mg/m <sup>3</sup> TWA: 7 ppm TWA: 40 mg/m <sup>3</sup>	-	TWA: 25 ppm TWA: 140 mg/m <sup>3</sup> STEL: 37.5 ppm STEL: 175 mg/m <sup>3</sup>	-
Myrcene 123-35-3	-	-	-	TWA: 40 ppm TWA: 275 mg/m <sup>3</sup> STEL: 60 ppm STEL: 343.75 mg/m <sup>3</sup>	-
Camphene 79-92-5	-	Skin STEL: 40 ppm STEL: 224 mg/m <sup>3</sup> TWA: 20 ppm TWA: 112 mg/m <sup>3</sup>	-	-	-
beta-Pinene 127-91-3	-	Skin STEL: 40 ppm STEL: 224 mg/m <sup>3</sup> TWA: 20 ppm TWA: 112 mg/m <sup>3</sup>	-	TWA: 25 ppm TWA: 140 mg/m <sup>3</sup> STEL: 37.5 ppm STEL: 175 mg/m <sup>3</sup>	-
delta-3-Carene 13466-78-9	-	Skin STEL: 40 ppm STEL: 224 mg/m <sup>3</sup> TWA: 20 ppm	-	TWA: 25 ppm TWA: 140 mg/m <sup>3</sup> STEL: 37.5 ppm STEL: 175 mg/m <sup>3</sup>	-

8.2



EYE PROTECTION	WEAR PROTECTIVE GLOVES/EYE PROTECTION/FACE PROTECTION. AVOID CONTACT WITH EYES. WEAR APPROVED SAFETY GOGGLES. (EN166)	
HAND PROTECTION	Avoid contact with skin. Wash hands before breaks and at end of work. Wear Protective Gloves. DIN/EN 374. The glove material has to be impermeable and resistant to the product/ the substance/ the preparation. Penetration time of glove material: The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.	
RESPIRATORY EQUIPMENT	DO NOT INHALE GASES / FUMES / AEROSOLS. CERTIFIED RESPIRATORY PROTECTIVE DEVICE RECOMMENDED.	
HYGIENE MEASURES	GOOD PERSONAL HYGIENE PRACTICES ARE ALWAYS ADVISABLE, ESPECIALLY WHEN WORKING WITH CHEMICALS / OILS.	
ENGINEERING MEASURES	None.	
Skin Protection	WEAR PROTECTIVE CLOTHING TO REDUCE THE RISK OF SKIN AND EYE CONTACT.	
Personal Protection	AVOID INHALATION OF THE PRODUCT. AVOID CONTACT WITH SKIN AND EYES. AVOID CONTACT WITH SKIN AND EYES. USE PERSONAL PROTECTION ACCORDING TO DIRECTIVE 89/686/EEC.	
OTHER PROTECTION	WEAR SUITABLE PROTECTION TO AVOID CONTACT WITH SKIN AND EYES. DO NOT INHALE VAPOURS.	
PROCESS CONDITIONS	Ensure area is well ventilated. Avoid vapour inhalation. Safety shower & Eye bath.	
ENVIROMENTAL EXPOSURE CONTROLS	S AVOID DISCHARGING INTO DRAINAGE WATER.	

SECTION 9: PHYSICAL & CHEMICAL PROPERTIES

9.1 Physical & Chemical Properties	
Appearance	Limpid Liquid
COLOUR	COLOURLESS - PALE YELLOW
Odour	CHARACTERISTIC
FLASH POINT (°C)	63°C.
9.2 Other Information	NO DATA.
SECTION 10: STABILITY & REACTIVITY	
10.1 Reactivity	NOT APPLICABLE.
10.2 Chemical stability	Stable under suggested storage conditions (<15 $^{\circ}$ C). Stable under normal conditions.
10.3 Possibility of hazardous reactions	NONE UNDER NORMAL PROCESSING.
10.4 Conditions to avoid	Storage at high temperatures. Do not store above 15°C. Avoid heat, flames and other sources of ignition.
10.5 Incompatible materials	AVOID 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 & carbon monoxide.

.1 XICOLOGICAL EFFECTS	
	ΝΟ ΔΑΤΑ.
Skin irritation	ΝΟ ΔΑΤΑ
EYE DAMAGE OR IRRITATION	ΝΟ DATA
RESPIRATORY OR SKIN SENSITIVITY	NO DATA.
GERM CELL MUTAGENICITY	NO DATA.
CARCINOGENICITY	NO DATA.
Reproductive toxicity	NO DATA.
STOT – SINGLE EXPOSURE	NO DATA.
STOT – REPEATED EXPOSURE	NO DATA.
Aspiration hazard	NO DATA.
Other Information	NO DATA.

12.1 Τοχιατγ	Harmful to aquatic life with long lasting effects. The product must not be allowed to run into drains or waterways. Immobilisation Test)
12.2 Persistence & degradability	NO DATA.
12.3 BIO- ACCUMULATIVE POTENTIAL	NO DATA.
12.4 Mobility in soil	ΝΟ ΦΑΤΑ
12.5 RESULTS OF PBT & VPVB ASSESSMENT	NO DATA.
12.6 Other adverse effects	NO DATA.
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	
UN NUMBER	ROAD: 3082 SEA: 3082 Air: 3082
14.2 UN Shipping Name	ENVIRONMENTALLY HAZARD SUBSTANCE LIQUID, N.O.S
14.3 Transport hazard class(es)	ADR/RID/ADN CLASS: 9 MISCELLANEOUS DANGEROUS SUBSTANCES AND ARTICLES. IMDG CLASS: 9 ICAO CLASS: 9 TRANSPORT LABEL:
14.4 Packing Group	ADR/RID/ADN PACKING GROUP: III IMDG PACKING GROUP: III ICAO PACKING GROUP: III
14.5 Enviromental Hazards	ENVIRONMENTALLY HAZARDOUS SUBSTANCE/MARINE POLLUTANT.
14.6 Special precautions for user	EMS F-A-S-F Emergency Action Code 3Z Hazard No. (ADR) 90 Environmentally hazardous substance;

	MISCELLANEOUS DANGEROUS SUBSTANCES.			
	TUNNEL RESTRICTION CODE (E)			
14.7 TRANSPORT IN BULK ACCORDING TO ANNEX II OF MARPOL73/78 & THE IBC CODE.	None.			
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 $18^{ ext{th}}$			
	DECEMBER 2006. CONCERNING THE REGISTRATION, EVALUATION, AUTHORIZATION & RESTRICTION OF			
	CHEMICALS (REACH), ESTABLISHING A EUROPEAN CHEMICALS AGENCY, AMENDING DIRECTIVE			
EU DIRECTIVES	1999/45/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).			
<b>6</b>	THE CHEMICALS (HAZARD INFORMATION & PACKAGING FOR SUPPLY REGULATIONS 2009 (S.I.2009			
STATUTORY INSTRUMENTS	No 716).			
	CLASSIFICATION & LABELLING OF SUBSTANCES & PREPARATIONS DANGEROUS FOR SUPPLY. SAFETY DATA			
APPROVED CODE OF PRACTICE	SHEETS FOR SUBSTANCES & PREPARATIONS.			
Guidance Notes	WORKPLACE EXPOSURE LIMITS EH40. CHIP FOR EVERYONE HSG 108.			
15.2	An assessment has not been executed as this is not a hazardous material according to			
CHEMICAL SAFETY ASSESSMENT	ARTICLE 31 OF REACH 1907/2006.			

SECTION 16: OTHER INFORMATION		
	H226 - FLAMMABLE LIQUID AND VAPOR	
Hazard and/ or Precautionary Statements in full	H227 - Combustible liquid	
	H228 - Flammable solid	
	H302 - Harmful if swallowed	
	H303 - May be harmful if swallowed	
	H304 - MAY BE FATAL IF SWALLOWED AND ENTERS AIRWAYS	
	H315 - Causes skin irritation	
	H316 - Causes mild skin irritation	
	H317 - May cause an allergic skin reaction	
	H318 - Causes serious eye damage	
	H319 - Causes serious eye irritation	

	H320 - Causes eye irritation
	H332 - Harmful if inhaled
	H361 - Suspected of damaging fertility or the unborn child
	H371 - May cause damage to organs
	H400 - Very toxic to aquatic life
	H401 - TOXIC TO AQUATIC LIFE
	H402 - Harmful to aquatic life
	H410 - VERY TOXIC TO AQUATIC LIFE WITH LONG LASTING EFFECTS
	H411 - Toxic to aquatic life with long lasting effects
	H412 - Harmful to aquatic life with long lasting effects
TRAINING INSTRUCTIONS: REFER TO POSSIBLE HAZARD BEFORE USE OF THIS PRODUCT.	
PRODUCT.	Material Safety Data Sheet.
PRODUCT. Abbreviations & Acronyms:	
PRODUCT. ABBREVIATIONS & ACRONYMS: MSDS	INTERNATIONAL NOMENCLATURE OF COSMETIC INGREDIENTS.
PRODUCT. ABBREVIATIONS & ACRONYMS: MSDS INCI	INTERNATIONAL NOMENCLATURE OF COSMETIC INGREDIENTS. Chemical Abstract Service.
PRODUCT. ABBREVIATIONS & ACRONYMS: MSDS INCI CAS IMDG	INTERNATIONAL NOMENCLATURE OF COSMETIC INGREDIENTS. Chemical Abstract Service. International Maritime code for Dangerous Goods.
PRODUCT. ABBREVIATIONS & ACRONYMS: MSDS INCI CAS	INTERNATIONAL NOMENCLATURE OF COSMETIC INGREDIENTS. Chemical Abstract Service.
PRODUCT. ABBREVIATIONS & ACRONYMS: MSDS INCI CAS IMDG	INTERNATIONAL NOMENCLATURE OF COSMETIC INGREDIENTS. CHEMICAL ABSTRACT SERVICE. INTERNATIONAL MARITIME CODE FOR DANGEROUS GOODS. ACCORD EUROPEAN SUR LE TRANSPORT DES MERCHANDISES DANGEREUSES PAR ROUTE (EUROPEAN
PRODUCT. ABBREVIATIONS & ACRONYMS: MSDS INCI CAS IMDG ADR	INTERNATIONAL NOMENCLATURE OF COSMETIC INGREDIENTS. CHEMICAL ABSTRACT SERVICE. INTERNATIONAL MARITIME CODE FOR DANGEROUS GOODS. ACCORD EUROPEAN SUR LE TRANSPORT DES MERCHANDISES DANGEREUSES PAR ROUTE (EUROPEAN AGREEMENT CONCERNING THE INTERNATIONAL CARRIAGE OF DANGEROUS GOODS BY ROAD).
PRODUCT. ABBREVIATIONS & ACRONYMS: MSDS INCI CAS IMDG ADR RID	INTERNATIONAL NOMENCLATURE OF COSMETIC INGREDIENTS. CHEMICAL ABSTRACT SERVICE. INTERNATIONAL MARITIME CODE FOR DANGEROUS GOODS. ACCORD EUROPEAN SUR LE TRANSPORT DES MERCHANDISES DANGEREUSES PAR ROUTE (EUROPEAN AGREEMENT CONCERNING THE INTERNATIONAL CARRIAGE OF DANGEROUS GOODS BY ROAD). INTERNATIONAL CARRIAGE OF DANGEROUS GOODS BY RAIL. INTERNATIONAL CIVIL AVIATION ORGANIZATION.
PRODUCT. ABBREVIATIONS & ACRONYMS: MSDS INCI CAS IMDG ADR RID ICAO	INTERNATIONAL NOMENCLATURE OF COSMETIC INGREDIENTS. CHEMICAL ABSTRACT SERVICE. INTERNATIONAL MARITIME CODE FOR DANGEROUS GOODS. ACCORD EUROPEAN SUR LE TRANSPORT DES MERCHANDISES DANGEREUSES PAR ROUTE (EUROPEAN AGREEMENT CONCERNING THE INTERNATIONAL CARRIAGE OF DANGEROUS GOODS BY ROAD). INTERNATIONAL CARRIAGE OF DANGEROUS GOODS BY RAIL. INTERNATIONAL CARRIAGE OF DANGEROUS GOODS BY RAIL. INTERNATIONAL CIVIL AVIATION ORGANIZATION. INTERNATIONAL CARRIAGE OF DANGEROUS GOODS BY INLAND WATERWAYS.
PRODUCT. ABBREVIATIONS & ACRONYMS: MSDS INCI CAS IMDG ADR RID ICAO ADN GHS	INTERNATIONAL NOMENCLATURE OF COSMETIC INGREDIENTS. CHEMICAL ABSTRACT SERVICE. INTERNATIONAL MARITIME CODE FOR DANGEROUS GOODS. ACCORD EUROPEAN SUR LE TRANSPORT DES MERCHANDISES DANGEREUSES PAR ROUTE (EUROPEAN AGREEMENT CONCERNING THE INTERNATIONAL CARRIAGE OF DANGEROUS GOODS BY ROAD). INTERNATIONAL CARRIAGE OF DANGEROUS GOODS BY RAIL. INTERNATIONAL CARRIAGE OF DANGEROUS GOODS BY RAIL. INTERNATIONAL CIVIL AVIATION ORGANIZATION. INTERNATIONAL CARRIAGE OF DANGEROUS GOODS BY INLAND WATERWAYS. GLOBALLY HARMONIZED SYSTEM OF CLASSIFICATION & LABELLING OF CHEMICALS.
PRODUCT. ABBREVIATIONS & ACRONYMS: MSDS INCI CAS IMDG ADR RID ICAO ADN	INTERNATIONAL NOMENCLATURE OF COSMETIC INGREDIENTS. CHEMICAL ABSTRACT SERVICE. INTERNATIONAL MARITIME CODE FOR DANGEROUS GOODS. ACCORD EUROPEAN SUR LE TRANSPORT DES MERCHANDISES DANGEREUSES PAR ROUTE (EUROPEAN AGREEMENT CONCERNING THE INTERNATIONAL CARRIAGE OF DANGEROUS GOODS BY ROAD). INTERNATIONAL CARRIAGE OF DANGEROUS GOODS BY RAIL. INTERNATIONAL CARRIAGE OF DANGEROUS GOODS BY RAIL. INTERNATIONAL CIVIL AVIATION ORGANIZATION. INTERNATIONAL CARRIAGE OF DANGEROUS GOODS BY INLAND WATERWAYS.

DOCUMENTATION REVISION	
DATE	CHANGE DESCRIPTION
OCTOBER 2020	DATA LAUNCH

### **SPECIFICATION SHEET**

PRODUCT NAME: CORIANDER SEED, ESSENTIAL OIL
Product Inci: Coriandrum Sativum seed Oil
PRODUCT CODE: OECORI
CAS NUMBER: 84775-50-8
EINECS NUMBER: 283-880-0
Shelf Life / Best Before: 24 months

ANALYTICAL DETAILS	RANGE
Appearance	LIQUID
Colour	COLOURLESS - PALE YELLOW
Odour	CHARACTERISTIC, CORIANDER
SPECIFIC GRAVITY @ 20°C	0.860 – 0.880
REFRACTIVE INDEX @ 20°C	1.460 – 1.475

STORAGE CONDITIONS STORE IN A COOL DRY PLACE AWAY FROM HEAT & SUNLIGHT

DOCUMENTATION REVIEW DATE:

October 2020

### Vegetarian & Vegan Suitability Statement

PRODUCT NAME: Coriander Essential Oil

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.

29/07/2022