

# MYSTIC MOMENTS

## CERTIFICATE OF ANALYSIS

Product Name: Carrot Seed Essential Oil

Product Code: OE.CARR.SEED

Batch No: 4549801

Best Before End: 07/2027

Appearance	: Light Yellow to Pale Yellow
Odour	Liquid : Characteristic
Specific gravity @ 20°C	: 0.957
Refractive Index @ 20°C	: 1.497
Optical Rotation	: +21.40

# MYSTIC MOMENTS

## CMR DECLARATION

### **PRODUCT: Carrot Seed Oil**

This is to certify that the Carrot Seed oil does not contain any listed CMR substances.

# MYSTIC MOMENTS

## *Flow Diagram for the Production of Carrot Seed Oil*

Seeds of *Daucus carota* → Steam distillation → Separate the Carrot Seed Oil from the distillate water by physical means.

# MYSTIC MOMENTS

## IFRA STANDARDS CONFORMITY CERTIFICATE

Fragrance compound

Customer:

Product: Carrot seed Oil

We certify that the above substance is in compliance with the Standards of the INTERNATIONAL FRAGRANCE ASSOCIATION (IFRA), 50th Amendment to the IFRA Code of Practice (published June 2021), It does not appear in the IFRA list of standards and so no information is available on its use in the IFRA Classes:

IFRA class(es) [see respective IFRA guidance for details]	Level of use (%)*

\*Actual use level or maximum use level

The IFRA Standards are based on safety assessments by the Panel of Experts of the RESEARCH INSTITUTE FOR FRAGRANCE MATERIALS (RIFM).

**Recommendation:** Information about presence and concentration of IFRA restricted/prohibited materials in the Carrot seed Oil is as follows:

IFRA Restricted materials:

Ingredient name	CAS	Concentration %
Alpha-bisabolol	515-69-5	0.3
d-carvone	2244-16-8	0.06
Geraniol	106-24-1	1.1
p-isopropylbenzyl alcohol	536-60-7	0.4

IFRA prohibited materials: None

Ingredient name	CAS	Details

Signature (If generated electronically, no signature)

Date 15 February 2022

# MYSTIC MOMENTS

## **CERTIFICATE OF GMO STATUS**

For the purpose of this statement 'genetically modified organism (GMO)' is defined in Directive 2001/18/EC as an organism in which the genetic material has been altered in a way that does not occur naturally by mating and/or natural recombination.

This is to certify that to the best of our knowledge and belief the Essential Oil of Carrot Seed that this company supplies is not produced by gene modification or derived from genetically modified organisms or from the use of genetically modified organisms.

If this oil is to be incorporated in any genetically modified food or animal feed then we certify that it complies with EC 1829/2003 and 1830/2003 regulations.

Madar Corporation Ltd. nor our suppliers can guarantee against or be held responsible for potential cross-pollination between crops, or any other unforeseen contamination risks.

## SAFETY DATA SHEET

Revision Date 30/5/22

### Carrot Seed Oil

This Safety Data Sheet contains information concerning the potential risks to those involved in handling, transporting and working with the material, as well as describing potential risks to the consumer and the environment. This information must be made available to those who may come into contact with the material or are responsible for the use of the material. This Safety Data Sheet is prepared in accordance with formatting described in the REACH Regulation (EC) No 1907/2006, and described in CLP Regulation (EC) No 1272/2008.

#### SECTION 1: Identification of the substance/mixture and of the company/undertaking

##### 1.1 Product identifier

Product name Carrot Seed oil

EC number:	284-545-1
EC name:	Carrot, ext
CAS number (EC inventory):	84929-61-3
Registration number	

##### 1.2 Relevant identified uses of the substance or mixture and uses advised against

Multiple uses in the Flavour and Fragrance industries

##### 1.3 Details of the supplier of the safety data sheet

**Madar Corporation Limited**

**19 - 20 Sandleheath Industrial Estate  
Fordingbridge  
SP6 1PA**

**Tel: 01425 655 555**

**E mail:**

**technical@madarcorporation.co.uk**

##### 1.4 Emergency telephone number

In case of emergency Tel. 01425 655 555

#### SECTION 2: Hazards Identification

##### 2.1 Classification of the substance

Classification in accordance with the Classification Labelling and Packaging Regulation EC (no) 1272/2008

##### Hazard Statements

**H226 - Flammable liquid and vapour**

**H304 - May be fatal if swallowed and enters airways**

**H315 - Causes skin irritation**

H317 - May cause an allergic skin reaction  
H411 - Toxic to aquatic life with long lasting effects

#### Precautionary Statements

P262 - Do not get in eyes, on skin, or on clothing  
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  
P331 - Do NOT induce vomiting  
P391 - Collect spillage

#### 2.2 Label elements

Signal Word DANGER

#### Pictograms



#### 2.3 Other hazards

### SECTION 3: Composition

#### 3.1 Substances

Carrot seed oil 100 %

### SECTION 4: First Aid Measures

#### 4.1 Description of first aid measures

**EYE CONTACT:** Irrigate the eyes with copious volumes of water for at least 15 minutes with the eye lids held open. Seek medical advice if inflammation persists

**INHALATION:** Remove person to fresh air, remove any contaminated clothing, in case of breathing difficulty seek medical advice.

**SKIN CONTACT:** Wash affected area with soap and running water, if irritation persists seek medical advice.

**INGESTION:** Dilute internally with water, do not induce vomiting. Seek medical advice immediately.

#### 4.2 Most important symptoms and effects, both acute and delayed

#### 4.3 Indication of any immediate medical attention and special treatments needed

Symptomatic treatment as required

### SECTION 5: Firefighting Measures

5.1 Extinguishing media Foam, CO<sub>2</sub>, Dry Powder

5.2 Special hazards arising from the substance or mixture Combustion products: Carbon monoxide, Carbon dioxide, Smoke

5.3 Advice for fire fighters Do Not Use Water as extinguishing media. No special fire fighting equipment required.

### SECTION 6: Accidental Release Measures

6.1 Personal precautions, protective equipment and emergency procedures

Wear clothing suitable for an emergency

6.2 Environmental precautions

Contain the leak with earth or sand. Prevent from entering drains, sewers and water courses. If this cannot be done, advise the local authority.

6.3 Methods and materials for containment and clearing up

Absorb spillage onto sand or earth. Transfer to a suitable container for disposal.

### SECTION 7: Handling and Storage

7.1 Precautions for safe handling

Handle in a well ventilated area, away from sources of ignition, DO NOT SMOKE.

7.2 Conditions for safe storage, including any incompatibilities

Store in well-filled, tightly closed containers away from heat, light and sources of ignition.

7.3 Specific end uses

Used in Flavours and Fragrances.

### SECTION 8. Exposure Controls/Personal Protection

8.1 Control parameters No data available

Substance	8 hour exposure limit	15 minute exposure limit	Source, Type

DNELs for workers No data available



Exposure pattern	Route	DNEL	Dose descriptor
Acute - systemic effects	Dermal		
Acute - systemic effects	Inhalation		
Acute - local effects	Dermal		
Acute - local effects	Inhalation		
Long-term - systemic effects	Dermal		
Long-term - systemic effects	Inhalation		
Long-term - local effects	Dermal		
Long-term - local effects	Inhalation		

**PNECs**      **No data available**

Compartment	PNEC	Dose descriptor
Fresh water		
Sewage treatment		

## 8.2 Exposure controls

**Engineering controls – Use suitable handling equipment**

**Respiratory protection – Use only in well ventilated areas. Use protection in poor ventilation.**

**Hand Protection – Wear gloves**

**Eye protection – Wear goggles**

**Skin protection – Wear suitable protective clothing**

## SECTION 9: Physical and Chemical Properties

### 9.1 Information on basic physical and chemical properties

**Appearance:** Clear, mobile liquid

**Odour:** Characteristic of carrot

**Odour threshold:** No data available

**pH:** Not applicable

**Melting point:** Not applicable

**Boiling point:** Not applicable

**Flashpoint:** 59°C

**Evaporation rate:** No data available

Flammability: Flammable  
Upper/lower flammability limits: No data available  
Vapour pressure: No data available  
Vapour density: No data available  
Relative density: 0.911  
Solubility in water: Insoluble  
Solubility in other solvents: Soluble  
Partition coefficient (log Kow): No data available  
Autoignition temperature: No data available  
Decomposition temperature: No data available  
Viscosity: No data available  
Explosive properties: No data available  
Oxidising properties: None

## 9.2 Other information

Particle size: Not applicable

## SECTION 10: Stability and Reactivity

- 10.1 Reactivity: Will react with oxidising agents
- 10.2 Chemical stability: Stable under proper storage conditions.
- 10.3 Possibility of hazardous reactions: Not if stored correctly
- 10.4 Conditions to avoid: Do not leave containers open to the air. Avoid storage at elevated temperatures and sources of ignition.
- 10.5 Incompatible materials: Oxidising agents
- 10.5 Hazardous decomposition products: On combustion may produce smoke, carbon monoxide and carbon dioxide.

## SECTION 11: Toxicological Information

### 11.1 Information on toxicological effects

This product has not been tested. Judgements on the expected toxicity of this product have been made based upon consideration of its major components.

#### Toxicokinetics

- (a) acute toxicity: LD<sub>50</sub> >5000 mg/kg (Rat). Dermal >5000mg/kg (Rabbit)
- (b) skin corrosion/irritation: Causes skin irritation
- (c) serious eye damage/irritation: May cause eye irritation
- (d) respiratory/skin sensitisation: May cause an allergic skin reaction
- (e) germ cell mutagenicity: No data available
- (f) carcinogenicity: No data available
- (g) reproductive toxicity: No data available
- (h) STOT-single exposure: No data available
- (i) STOT-repeated exposure: No data available
- (j) aspiration hazard: No data available

## SECTION 12: Ecological Information

- 12.1 Toxicity: No data available
- 12.2 Persistence and degradability: No data available

- 12.3 Bioaccumulative potential: No data available
- 12.4 Mobility in soil: No data available
- 12.5 Results of PBT and vPvB assessment: No data available
- 12.6 Other adverse effects

### SECTION 13: Disposal Considerations

13.1 Waste treatment methods – Do not dispose into drainage systems. Ensure disposal is within local and national guidelines. Consult a specialist waste disposal company for correct disposal procedure and/or seek other expert advice.

### SECTION 14: Transport Information

	ADR	IMDG	ICAO
14.1 UN Number	1169		
14.2 UN Proper shipping name	Carrot seed oil		
14.3 Transport hazard class(es)	3	3	3
14.4 Packing group	III	III	III
14.5 Environmental hazards			
14.6 Special precautions for user			
14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code			

### SECTION 15: Regulatory Information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

This substance is listed as existing in Europe

15.2 Chemical Safety Assessment

A Chemical Safety Assessment has not been carried out for this product.

### SECTION 16: Other Information

Revision information:

List of Abbreviations used in this SDS:

- CAS Chemical Abstracts Service
- CLP Classification, Labelling and Packaging Regulation (EC) no 1272/2008
- DSD Dangerous Substances Directive 67/548/EEC
- DPD Dangerous Preparations Directive 1999/45/EC
- EC European Community/Commission
- PBT Persistent, Bioaccumulative and Toxic

Supersedes:

**REACH**Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) no 1907/2006

**vPvB** very Persistent, very Bioaccumulative

**References:**

The information in this safety data sheet is based on the properties of the material known to us at the time the data sheet was issued. The safety data sheet is intended to provide information for a health and safety assessment of the material and the circumstances under which it is packaged, stored or applied in the workplace. This document is not intended for quality assurance purposes.

# MYSTIC MOMENTS

## SPECIFICATION

### CARROT SEED OIL

Botanical source	: Daucus Carota L
Production method	: Steam distillation
Appearance	: A dark yellow liquid
Specific gravity @ 20°C	: 0.940 – 0.970 g/ml
Optical Rotation @ 20°C	: +10.0 to +22.0
Refractive Index @ 20°C	: 1.490 – 1.500
Caratol by GC	: 65 – 80%

# MYSTIC MOMENTS

## VEGAN SUITABILITY

This is to certify that the Carrot Seed Oil is suitable for Vegans