



# Certificate of Analysis

PRODUCT DETAILS		
Product Name	CARROT OIL INFUSED IN SUNFLOWER	
Product Code	HECARR	
INCI Name	Carotenoids & Helianthus Annuus Seed Oil & Tocopherol & Ascorbyl Palmitate	
Batch Number	4451607	
Best Before End	November 2023	
Identification	CAS No: NA	EINECS No: NA
PHYSICAL AND CHEMICAL CHARACTERISTIC		
	SPECIFICATION RANGE	RESULTS
Appearance	Liquid	Conforms
Colour	Orange	Conforms
Odour	Characteristic	Conforms
Relative Density @ 20°C (g/ml)	0.903 - 0.922	0.921
Refractive Index @ 20°C	1.461 - 1.481	1.474
Optical Rotation @ 20°C	-10.0 to +10.0	+0.44
STORAGE AND SHELF LIFE		
Storage	Store in tightly closed container with minimum headspace in a cool, dark and dry place.	

**DISCLAIMER:** This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the Company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the users responsibility to satisfy himself as to the suitability of such information for his own particular use. Where MADAR Corporation make a declaration that allergenic material are not present in any product, this statement is made assuming reasonable levels of detection. It is impossible to guarantee the "absolute absence" of any material. **It is the ultimate responsibility of the customer to ensure the safety of the intended final product containing this material, by carrying out additional tests if necessary.**



## CMR (Carcinogenic, mutagenic, reprotoxic) STATEMENT

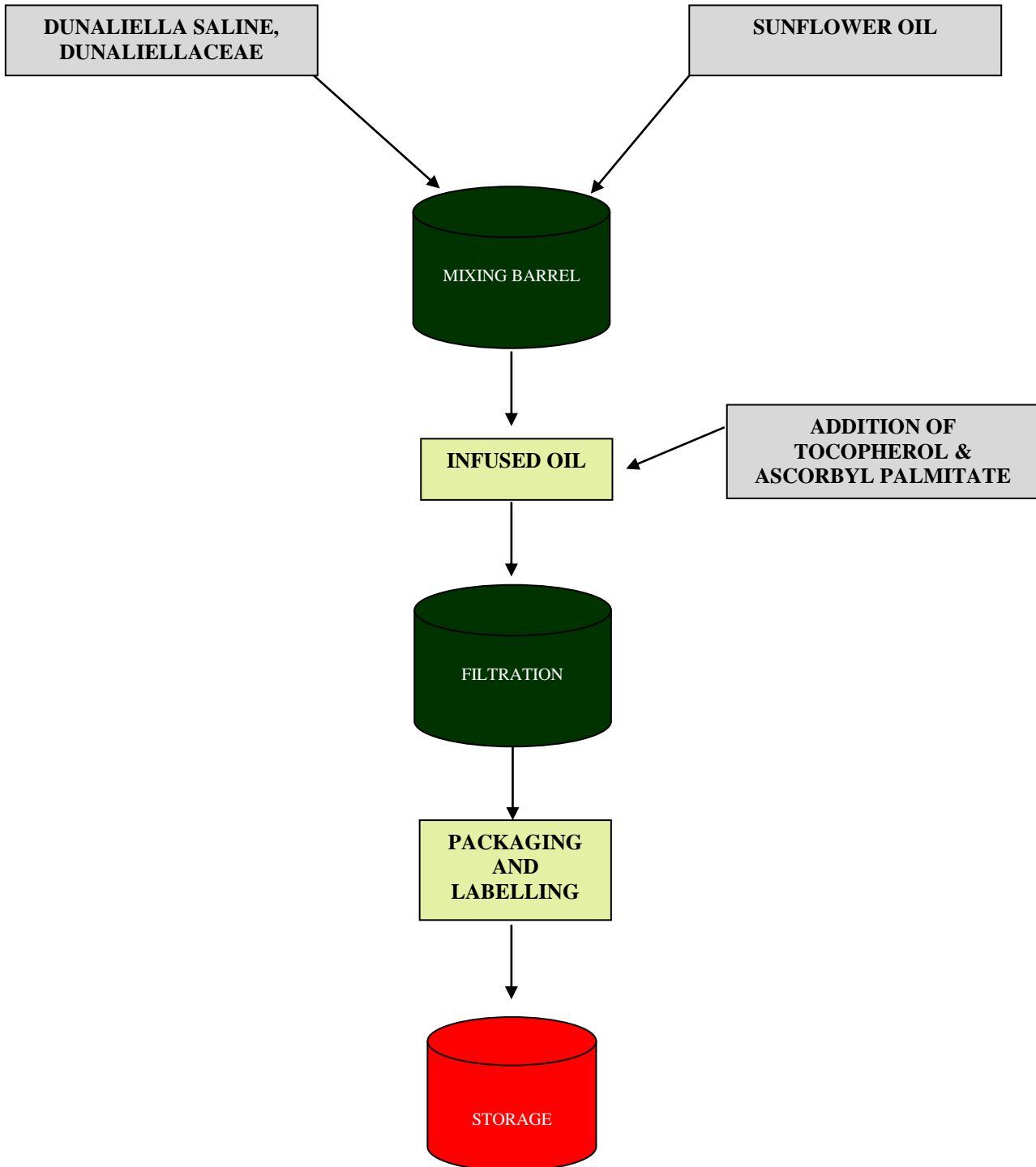
*We hereby confirm, to the best of our knowledge and from information received from our supplier, that the below mentioned product does not contain any CMR Substances.*

*However, due to the fact that we do not analyse the batches, we cannot guarantee any explicit assurance.*

*Product: CARROT OIL INFUSED IN SUNFLOWER*

20 July 2021

## CARROT OIL INFUSED IN SUNFLOWER FLOW CHART





## SAFETY DATA SHEET CARROT OIL INFUSED IN SUNFLOWER

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

#### 1.1. Product identifier

Product name	CARROT OIL INFUSED IN SUNFLOWER
Product number	HECARR
Synonyms; trade names	Carotenoids & Helianthus Annuus Seed Oil & Dunaliella Salina Extract & Tocopherol & Ascorbyl Palmitate

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

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

Supplier	MADAR Corporation Limited 19 - 20 Sandheath Industrial Estate, Fordingbridge, SP6 1PA Tel. +44 1425 655555 (Opening Hours Mon - Fri 9.00am - 4.00pm) e-mail technical@madarcorporation.co.uk
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#### 1.4. Emergency telephone number

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

##### Classification (EC 1272/2008)

Physical hazards	Not Classified
Health hazards	Not Classified
Environmental hazards	Not Classified

#### 2.2. Label elements

Hazard statements	NC Not Classified
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#### 2.3. Other hazards

### SECTION 3: Composition/information on ingredients

#### 3.1. Substances

Product name	CARROT OIL INFUSED IN SUNFLOWER
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### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

Inhalation	Remove person to fresh air and keep comfortable for breathing. Get medical attention if any discomfort continues.
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## CARROT OIL INFUSED IN SUNFLOWER

<b>Ingestion</b>	Do not induce vomiting. Rinse mouth thoroughly with water. Get medical attention if any discomfort continues.
<b>Skin contact</b>	Remove contaminated clothing and rinse skin thoroughly with water. Get medical attention if any discomfort continues.
<b>Eye contact</b>	Rinse immediately with plenty of water. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if any discomfort continues.

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

**General information**                      None known.

### 4.3. Indication of any immediate medical attention and special treatment needed

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

**Suitable extinguishing media**      Use as appropriate carbon dioxide (CO<sub>2</sub>), dry chemical or foam

**Unsuitable extinguishing media**      Do not use water jet as an extinguisher, as this will spread the fire.

### 5.2. Special hazards arising from the substance or mixture

**Specific hazards**                        Keep away from heat, sparks and open flame.

### 5.3. Advice for firefighters

**Protective actions during firefighting**      Avoid breathing fire gases or vapours. Eliminate all ignition sources if safe to do so. Closed containers may build up pressure at elevated temperatures. Cool containers exposed to flames with water until well after the fire is out.

**Special protective equipment for firefighters**      Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.

## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

**Personal precautions**                      Avoid inhalation of vapours and contact with skin and eyes. Ensure adequate ventilation of the working area, evacuate personnel to safe area, wear suitable protective equipment. Apply good manufacturing practice and industrial hygiene practices. Keep containers sealed when not in use.

### 6.2. Environmental precautions

**Environmental precautions**              Do not discharge into drains or watercourses or onto the ground.

### 6.3. Methods and material for containment and cleaning up

**Methods for cleaning up**                      Cover with inert, inorganic, non-combustible material (e.g dry-lime, sand, soda ash). Place in covered containers and dispose of in accordance with local authority guidelines.

### 6.4. Reference to other sections

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

**Usage precautions**                        Provide adequate ventilation. Handle all packages and containers carefully to minimise spills. Apply good manufacturing practice and industrial hygiene practices. Keep containers sealed when not in use.

### 7.2. Conditions for safe storage, including any incompatibilities

## CARROT OIL INFUSED IN SUNFLOWER

### Storage precautions

Intrusion into soil to be avoided. Keep containers out of direct sunlight in cool dry conditions at a temperature not exceeding 25c. Keep in original containers. Limit oxygenation (contact with air).

### 7.3. Specific end use(s)

#### SECTION 8: Exposure controls/Personal protection

##### 8.1. Control parameters

##### 8.2. Exposure controls

##### Protective equipment



##### Eye/face protection

Approved safety goggles.

##### Hand protection

Chemical resistant gloves (PVC)

##### Other skin and body protection

No specific requirements are anticipated under normal conditions of use.

##### Hygiene measures

Good personal hygiene procedures should be implemented.

##### Respiratory protection

Generally unnecessary in a well ventilated area.  
If ventilation is insufficient, respiratory protection must be worn.

##### Environmental exposure controls

Avoid discharging into drains.

#### SECTION 9: Physical and chemical properties

##### 9.1. Information on basic physical and chemical properties

Appearance	Liquid.
Colour	Orange.
Odour	Characteristic.
Melting point	No information available.
Flash point	No information available.
Relative density	0.903 - 0.922 @ 20°C
Solubility(ies)	Insoluble in water. Soluble in oil

##### 9.2. Other information

Refractive index 1.461 - 1.481 @ 20°C

##### Hydrocarbon Content

#### SECTION 10: Stability and reactivity

##### 10.1. Reactivity

Reactivity There are no known reactivity hazards associated with this product.

##### 10.2. Chemical stability

Stability Stable under normal conditions.

##### 10.3. Possibility of hazardous reactions

## CARROT OIL INFUSED IN SUNFLOWER

**Possibility of hazardous reactions** None known.

### 10.4. Conditions to avoid

**Conditions to avoid** None known.

### 10.5. Incompatible materials

**Materials to avoid** Strong acids. Strong alkalis. Strong oxidising agents.

### 10.6. Hazardous decomposition products

**Hazardous decomposition products** Liable to cause smoke and acrid fumes during combustion: carbon monoxide, carbon dioxide and other non identified organic compounds may be formed.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

**Toxicological effects** Vegetable oil of natural origin. Non toxic product; LD50s and LC50s not determined.

### Skin corrosion/irritation

**Skin corrosion/irritation** Not irritating.

### Serious eye damage/irritation

**Serious eye damage/irritation** No information available.

### Respiratory sensitisation

**Respiratory sensitisation** Not sensitising.

### Carcinogenicity

**Carcinogenicity** No information available.

### Reproductive toxicity

**Reproductive toxicity - fertility** Does not contain any substances known to be toxic to reproduction.

### Specific target organ toxicity - single exposure

**STOT - single exposure** No information available.

### Specific target organ toxicity - repeated exposure

**STOT - repeated exposure** No information available.

### Aspiration hazard

**Aspiration hazard** Vegetable oil of natural origin. Non toxic product; LD50s and LC50s not determined.

## SECTION 12: Ecological information

**Ecotoxicity** The product is not expected to be toxic to aquatic organisms.

### 12.1. Toxicity

### 12.2. Persistence and degradability

**Persistence and degradability** >90% (OECD). This product is unlikely to accumulate in the environment and environmental problems under normal use conditions are not expected.

**Biodegradation** Expected to be readily biodegradable.

### 12.3. Bioaccumulative potential

**Bioaccumulative potential** No data available on bioaccumulation.

### 12.4. Mobility in soil

## CARROT OIL INFUSED IN SUNFLOWER

**Mobility** No data available.

### 12.5. Results of PBT and vPvB assessment

**Results of PBT and vPvB assessment** No data available.

### 12.6. Other adverse effects

**Other adverse effects** Avoid discharge into drains or watercourses or onto the ground.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

**General information** Dispose of in compliance with all local and national regulations.

## SECTION 14: Transport information

**General** The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, ADR/RID).

### 14.1. UN number

Not applicable.

### 14.2. UN proper shipping name

Not applicable.

### 14.3. Transport hazard class(es)

No transport warning sign required.

### 14.4. Packing group

Not applicable.

### 14.5. Environmental hazards

**Environmentally hazardous substance/marine pollutant**  
No.

### 14.6. Special precautions for user

Not applicable.

### 14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code

**Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code** Not applicable.

## SECTION 15: Regulatory information

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

**EU legislation** Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (as amended).  
Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (as amended).

**Guidance** CHIP for everyone HSG228.

### 15.2. Chemical safety assessment



## CARROT OIL INFUSED IN SUNFLOWER

An assessment has not been executed as this is not a hazardous material according to article 31 of REACH 1907/2006.

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### SECTION 16: Other information

<b>Revision date</b>	10/05/2021
<b>Revision</b>	4
<b>Supersedes date</b>	28/07/2016
<b>SDS number</b>	4698

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## Product Specification

PRODUCT DETAILS	
Product Name	CARROT OIL INFUSED IN SUNFLOWER
Product Code	HECARR
INCI Name	Carotenoids & Helianthus Annuus Seed Oil & Dunaliella Salina Extract & Tocopherol & Ascorbyl Palmitate
Country of Origin	United Kingdom
Tariff Number	13021970
Kosher Certified	No
Food Grade Status	We confirm, from information received from our supplier, that this product conforms with EU Regulations and can be used in food.
Halal Certified	We hereby declare, from information received from our supplier, that this product does not contain any ingredient derived from animal origin, extracted from hair or feathers, animal fats, animal extracts, blood of any origin, blood plasma, pork and/or other meat products. This product does not contain alcohol (ethanol or grain alcohol) and has not been used in the manufacturing process.
GMO Declaration	To the best of our knowledge and from information received from our supplier, this product does not derive from genetically modified starting raw material, or additives that are derived from genetically modified organisms.
Identification	CAS No: NA EINECS No: NA
PHYSICAL AND CHEMICAL CHARACTERISTIC	
Appearance	Liquid
Colour	Orange
Odour	Characteristic
Relative Density @ 20°C (g/ml)	0.903 - 0.922
Refractive Index @ 20°C	1.461 - 1.481
Optical Rotation @ 20°C	-10.0 to +10.0
Helianthus Annuus Seed Oil	>88%
Dunaliella Salina Extract	<10%
Tocopherol	<0.10%
Ascorbyl Palmitate	<0.10%
FOOD ALLERGENS	
NONE PRESENT	
FRAGRANCE ALLERGENS	
NONE	
IFRA	
NONE	
STORAGE AND SHELF LIFE	
Storage	Store in tightly closed container with minimum headspace in a cool, dark and dry place.
Shelf Life	When stored for more than 24 months, quality should be checked before use.

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## Vegan and Vegetarian Statement

IDENTIFICATION	
Product:	CARROT OIL INFUSED IN SUNFLOWER
Cas No:	NA
EINECS No:	NA
STATEMENT	
<p>We, Madar Corporation Limited from information received from our supplier, hereby declare that the material listed above is compliant with a vegan or vegetarian diet.</p> <p>It does not contain any animal ingredients or animal by products. No animal ingredients or by products are used in the manufacturing process.</p> <p>This document represents to the best of our knowledge and from information received from our supplier. It does not release the buyer from the obligation to carry out an examination of the goods received. All uses made by the buyer are done under their own responsibility.</p>	