

Certificate of Analysis

| Product Name | CARROT OIL INFUSED IN SUNFLOWER | |
|--|---|--|
| Product Code | HECARR | |
| INCI Name | Carotenoids & Helianthus Annuus Seed Oil & Tocopherol & Ascorbyl Palmitate | |
| | | |
| Batch Number | 4546102 | |
| Best Before End | June 2026 | |
| | | |
| | | |
| Identification | CAS No: NA EINECS | No: NA |
| | | |
| | | |
| | | |
| PHYSICAL AND CHEMICAL CH | | |
| PHYSICAL AND CHEMICAL CH | HARACTERISTIC SPECIFICATION RANGE | RESULTS |
| PHYSICAL AND CHEMICAL CHAPPEARANCE | | RESULTS Conforms |
| | SPECIFICATION RANGE | |
| Appearance | SPECIFICATION RANGE Liquid | Conforms |
| Appearance Colour | SPECIFICATION RANGE Liquid Orange | Conforms Conforms |
| Appearance Colour Odour | SPECIFICATION RANGE Liquid Orange Characteristic | Conforms Conforms Conforms |
| Appearance Colour Odour Relative Density @ 20°c (g/ml) | SPECIFICATION RANGE Liquid Orange Characteristic 0.903 - 0.922 | Conforms Conforms 0.921 |
| Appearance Colour Odour Relative Density @ 20°c (g/ml) Refractive Index @ 20°c | SPECIFICATION RANGE Liquid Orange Characteristic 0.903 - 0.922 1.461 - 1.481 | Conforms Conforms Conforms 0.921 1.474 |

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 containg 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.

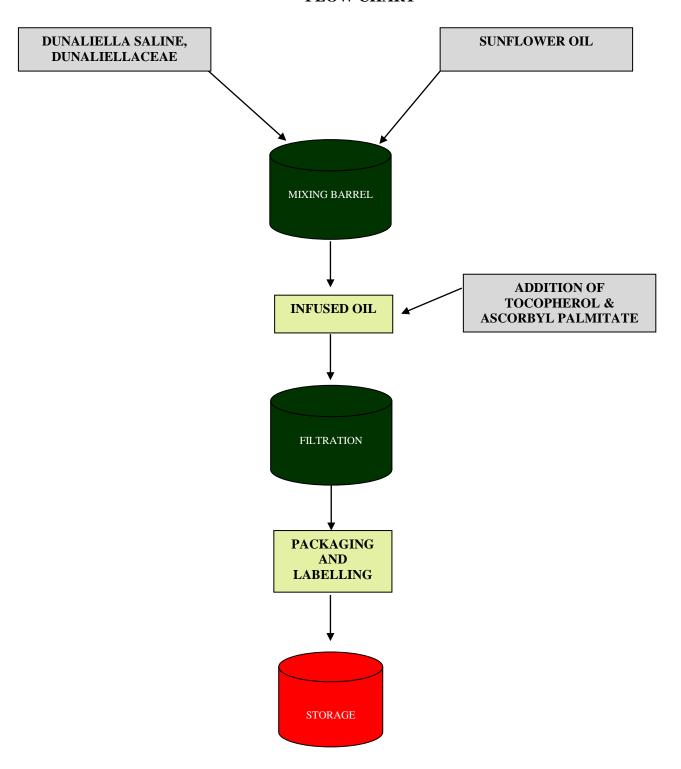
However, due to the fact that we do not analyse the batches, we cannot guarantee any explicit assurance.

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 Sandleheath Industrial Estate, Fordingbridge, SP6 1PA Tel. +44 1425 655555 (Opening Hours Mon - Fri 9.00am - 4.00pm)

e-mail technical@madarcorporation.co.uk

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

2.3. Other hazards

SECTION 3: Composition/information on ingredients

3.1. Substances

Product name CARROT OIL INFUSED IN SUNFLOWER

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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Ingestion Do not induce vomiting. Rinse mouth thoroughly with water. Get medical attention if any

discomfort continues.

Skin contact Remove contaminated clothing and rinse skin thoroughly with water. Get medical attention if

any discomfort continues.

Eye contact 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 dixoide (CO2), 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

Personal precautions

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

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 pointNo information available.Flash pointNo 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

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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

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Mobility No data available.

12.5. Results of PBT and vPvB assessment

Results of PBT and vPvB

No data available.

assessment

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 Not applicable.

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

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

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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

Revision date 10/05/2021

Revision 4

Supersedes date 28/07/2016

SDS number 4698

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Product Specification

| PRODUCT DETAILS | | | |
|------------------------------------|---|--|--|
| Product Name | CARROT OIL INFUSED IN SUNFLOWER | | |
| Product Code | HECARR | | |
| INCI Nama | Carotenoids & Helianthus Annuus Seed Oil & Dunaliella Salina Extract & Tocopherol & Ascorbyl | | |
| INCI Name | Palmitate United Kingdom | | |
| Country of Origin | United Kingdom 13021970 | | |
| Tariff Number | No | | |
| Kosher Certified Food Grade Status | We confirm, from information received from our supplier, that this product conforms with EU | | |
| roou Grade Status | Regulations and can be used in food. | | |
| Halal Certified | We hereby delcare, 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 CHEMICA | L 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 | | |
| Opticall 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 LIF | É | | |
| 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. | | |
| | which storied not more than 22 months of the stories with any other materials or in any proper. Such information is to the host of the | | |

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Vegan and Vegetarian Statement

| | IDENTIFICATION | |
|------------|---------------------------------|--|
| Product: | CARROT OIL INFUSED IN SUNFLOWER | |
| Cas No: | NA | |
| EINECS No: | NA | |
| STATEMENT | | |
| | | |

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.

It does not contain any animal ingredients or animal by products. No animal ingredients or by products are used in the manufacturing process.

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.