



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 | 4470402 | |
| Best Before End | May 2024 | |
| 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 | 0.920 |
| Refractive Index @ 20°C | 1.461 - 1.481 | 1.475 |
| Optical Rotation @ 20°C | -10.0 to +10.0 | -0.08 |
| 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

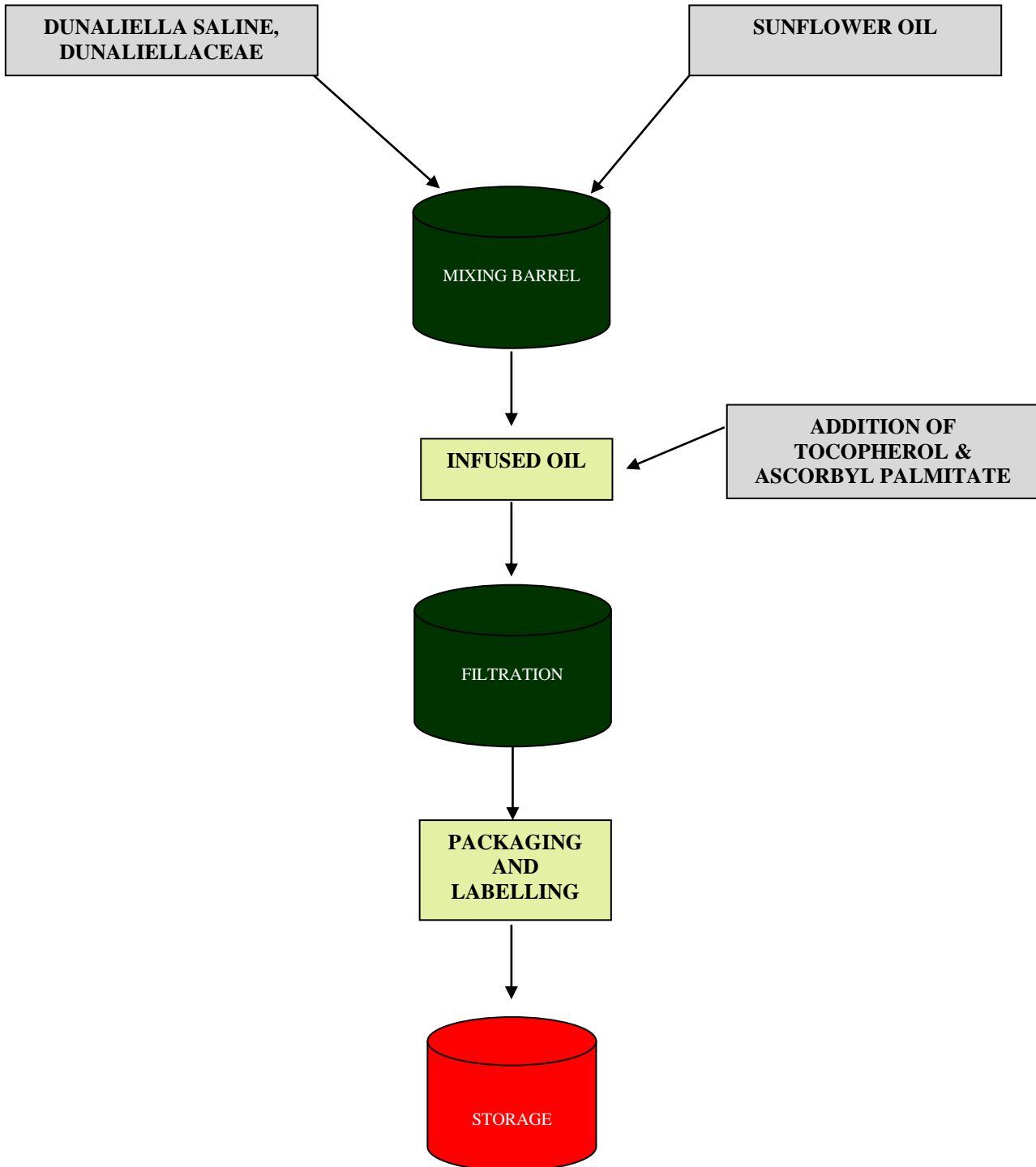
We hereby confirm, to the best of our knowledge and from information received from our supplier, that the below mentioned product does not contain any CMR Substances.

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 |
|----------|---|

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. |
|------------|---|

CARROT OIL INFUSED IN SUNFLOWER

| | |
|---------------------|--|
| 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 dioxide (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 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.

CARROT OIL INFUSED IN SUNFLOWER

SECTION 16: Other information

| | |
|------------------------|------------|
| Revision date | 10/05/2021 |
| Revision | 4 |
| Supersedes date | 28/07/2016 |
| SDS number | 4698 |

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 user's responsibility to satisfy himself as to the suitability of such information for his own particular use.



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. | |

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 user's responsibility to satisfy himself as to the suitability of such information for his own particular use. Where Global Essence 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.

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> | |