

MATERIAL SAFETY DATA SHEET

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION & THE COMPANY UNDERTAKING

Product Name	Carrot Root Concentrate Oil		
Inci No	<i>Daucus carota</i>		
Synonyms & Trade names	Carrot Root Oil, Natural Carotenes		
Botanical Family	Apiaceae		
Supplier	Escentia Products Pty Ltd Unit E1 Fairque Business Park Benoni Johannesburg South Africa +27 (0) 11 425 3281		
Contact person	Regulatory Manager		
Reach Registration Number	N/A		
CAS-No.	N/A	FDA No.	N/A
EINEC No.	N/A	FEMA No.	N/A

2. COMPOSITION/INFORMATION ON INGREDIENTS

Representative dangerous substance

(In a sufficiently high concentration to give it the toxicological properties that it would have in 100% pure state).

No known substances in the category.

Other Constituents:

No known substances in the category.

Other substances with occupational exposure limit values

No known substances in this category

3. HAZARD IDENTIFICATION

Classified as dangerous to health by directives 88/379/EEC and 93/18/EEC

Classified as inflammable. See recommendations regarding other products on the premises.

ESCENTIA PRODUCTS (PTY) LTD – 2019/445189/07 (Established 1994)

VAT Reg No. 4830180362

P O Box 131206, Northmead, 1511 - Unit E1, Fair-Que Business Park, 19 Goud St, Benoni

Tel: (011) 425 – 3281 - Fax: 086 552 4244 - Directors: R P Aiken, M B Aiken

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4. FIRST AID MEASURES

Inhaling	Move into an open-air space
Ingestion	Obtain medical advice immediately
Skin Contact	Wash thoroughly with soap and water.
Eye contact	Flush with plenty amount of water and seek medical advice if necessary.
General	If any symptoms persist seek medical advice immediately.

5. FIRE FIGHTING MEASURES

Extinguishing Media	Carbon dioxide, powder foam, dry powder
Unsuitable Extinguishing Media	Water, can help spread the flame
For Dangerous Products	Formation of CO, CO acrolein, toxic fumes in case of fire.
Fire Protection	Keep away from and avoid contact with flames and sparks

6. ACCIDENTAL RELEASE MEASURES

Refer to protection procedures listed in items 7 and 8.

Contain and absorb leaks with non-combustible absorbent materials, e.g: sand, soil, vermiculite, and diatomaceous earth in the barrels for waste disposal. Contain spillage with sawdust.

Do not allow to enter drains of water sources.

Preferably clean with a detergent, avoid using solvents.

7. HANDLING AND STORAGE

Usage Precautions	Use only equipment resistant to vegetable oils, avoid leaks, ensure it does not soak into the floor.
Storage Precautions	Keep in closed containers, in an inert atmosphere and away from light, heat and moisture. Keep away from and avoid contact with flames, sparks or strong oxidising agents.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Protective Equipment	
Skin Protection	Avoid all skin contact. Use chemically resistant gloves if required
Eye Protection	Use safety glasses
Other Protection	Work clothing, mask and safety shoes.

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9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Mobile liquid
Colour	Red to Orange
Odour	Characteristic
Flash point	N/A
Relative density	~ 0,920 @ 20°C
Optical rotation	N/A
Refractive Index	~ 1,470 @20°C
Melting point, vapour pressure	Data not found
Solubility in water	Not soluble

10. STABILITY AND REACTIVITY

Stable under the recommended handling and storage conditions (see item 7)

Stability	Stable
Condition to avoid	Avoid storage at high temperature
Materials to avoid	Avoid contact with strong acids, and oxidising agents
Hazardous Decomposition products	Not applicable

11. TOXICOLOGICAL INFORMATION

Contains no substances classified as dangerous according to directive 67/548/EEC.

Medical Consideration	May cause allergic contact eczema. Prolonged or repeated exposure may cause the following adverse effects: Allergic rash.
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12. ECOLOGICAL INFORMATION

The substance is biodegradable and unlikely to accumulate in the aquatic environment. Discharge of large quantities into aquatic environments may kill fish and other aquatic organisms by oxygen depletion.

13. DISPOSAL CONSIDERATIONS

Do not pour into drains or into water sources

Incineration	Incinerate in accordance with local legislation.
Containers	Used containers (observe the local regulations)

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14. TRANSPORT INFORMATION

Transport the product in accordance with ADR for road transport, RID for rail transport, IMDG for sea transport, and ICAO/IATA for air transport.

Classified as hazardous for transport.

15. REGULATORY INFORMATION

Not classified

16. OTHER INFORMATION

As the users' conditions of work are not known, the information contained in this Material Safety Data Sheet is accurate to the best of our knowledge and is based on the national community regulations.

The product must not be employed for uses other than those specified without having previously obtained written handling instructions. Users are responsible for taking all necessary to comply with the requirements of the law and local regulations. The information contained in this sheet should be regarded as the description of the safety requirements relating to our products and not as a guarantee of its properties.

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