



SAFETY DATA SHEET (SDS)

Prepared in accordance with the Globally Harmonized System (GHS) and Regulation (EC) No. 1907/2006 (REACH, as amended)

SECTION 1: Identification

Product Identifier

Product Name: Carrot Seed Absolute

Botanical Name: *Daucus carota* L.

INCI Name: *Daucus Carota Sativa* Root Extract (or *Daucus Carota* Seed Extract, depending on supplier declaration)

CAS Number: 8015-88-1

EC Number: 284-545-1

Product Use: Professional perfumery ingredient, cosmetic raw material, fragrance applications only.

Recommended Use

- Fine fragrance
- Personal care formulations
- Cosmetic fragrance ingredient
- Aromatherapy and perfumery research (professional use)

Uses Advised Against

- Internal consumption
- Pharmaceutical use without regulatory approval
- Food use unless specifically food grade

Supplier

Aromology Trading LLC
G05 Al Ghazal Building
Nadd Al Hamar
Dubai, United Arab Emirates

Email: info@aromology.com

Website: www.aromology.com

SECTION 2: Hazard Identification

GHS Classification

- Skin Irritation – Category 2



- Skin Sensitisation – Category 1
- Eye Irritation – Category 2A
- Aquatic Chronic Toxicity – Category 2

Signal Word

Warning

Hazard Statements

- H315 Causes skin irritation.
- H317 May cause an allergic skin reaction.
- H319 Causes serious eye irritation.
- H411 Toxic to aquatic life with long lasting effects.

Precautionary Statements

- Avoid breathing vapours.
- Wear protective gloves and eye protection.
- Wash hands thoroughly after handling.
- Avoid release into the environment.
- Dispose of contents according to local regulations.

SECTION 3: Composition

Component	CAS	Concentration
Carrot Seed Absolute (<i>Daucus carota</i>)	8015-88-1	100%

Natural complex mixture containing sesquiterpenes, carotol derivatives, terpenoids and naturally occurring aromatic constituents.

SECTION 4: First Aid Measures

Inhalation

Move person to fresh air. Seek medical advice if symptoms persist.

Skin Contact

Wash thoroughly with soap and water.



Remove contaminated clothing.

Seek medical attention if irritation develops.

Eye Contact

Rinse cautiously with water for at least 15 minutes.

Remove contact lenses if present.

Seek medical attention if irritation continues.

Ingestion

Rinse mouth.

Do NOT induce vomiting.

Immediately obtain medical advice.

SECTION 5: Fire Fighting Measures

Suitable Extinguishing Media

- Dry chemical
- Carbon dioxide
- Alcohol-resistant foam
- Water spray for cooling

Unsuitable Media

Direct water jet.

Hazardous Combustion Products

- Carbon monoxide
- Carbon dioxide
- Smoke
- Irritating organic vapours

Firefighters should wear self-contained breathing apparatus.



SECTION 6: Accidental Release Measures

Wear suitable PPE.

Prevent entry into drains and waterways.

Absorb using:

- Vermiculite
- Sand
- Inert absorbent material

Dispose according to local environmental regulations.

SECTION 7: Handling and Storage

Handling

Avoid prolonged skin contact.

Avoid inhalation of concentrated vapours.

Use adequate ventilation.

Wear suitable PPE during handling.

Storage

Store:

- tightly closed
 - cool, dry place
 - away from sunlight
 - below 25 °C
 - away from oxidising agents
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SECTION 8: Exposure Controls / Personal Protection

Engineering Controls

Local exhaust ventilation recommended.



Personal Protective Equipment

Eyes

Safety glasses or goggles.

Hands

Chemical resistant nitrile gloves.

Respiratory

Normally unnecessary.

Use organic vapour respirator when ventilation is insufficient.

Skin

Protective clothing recommended during large-scale handling.

SECTION 9: Physical and Chemical Properties

Property	Value
Appearance	Dark amber to brown viscous liquid
Odour	Warm, earthy, woody, root-like, slightly sweet
Physical State	Viscous liquid
Relative Density (20 °C)	0.95–1.05
Refractive Index (20 °C)	1.490–1.530
Flash Point	>70 °C
Solubility	Insoluble in water
Solubility in Alcohol	Soluble
Vapour Pressure	Not determined

SECTION 10: Stability and Reactivity

Stable under normal storage conditions.

Avoid:

- excessive heat



- open flames
- oxidising materials

Hazardous decomposition:

- Carbon monoxide
 - Carbon dioxide
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SECTION 11: Toxicological Information

Possible effects include:

- Skin irritation
- Allergic skin sensitisation
- Eye irritation
- Mild respiratory irritation from concentrated vapours

No chronic toxicity data available for the complete natural mixture.

SECTION 12: Ecological Information

May be harmful to aquatic organisms.

Avoid environmental release.

Biodegradability expected to be partial due to natural constituents.

Prevent contamination of soil and waterways.

SECTION 13: Disposal Considerations

Dispose through licensed waste contractor.

Do not discharge into drains.

Dispose of contaminated packaging according to local regulations.



SECTION 14: Transport Information

Not generally regulated in small commercial fragrance quantities.

If transported in bulk, consult applicable ADR/RID, IMDG and IATA regulations.

UN Number: Not assigned (typical commercial quantities)

Environmental Hazard: Yes—avoid release.

SECTION 15: Regulatory Information

Prepared according to:

- GHS (Globally Harmonized System)
- REACH guidance (where applicable)
- OSHA Hazard Communication Standard
- CLP Regulation (EC) No. 1272/2008

This material is intended solely as a professional perfumery raw material.

SECTION 16: Other Information

The information contained herein is believed to be accurate and is based on current knowledge regarding this material. It is provided solely for guidance in the safe handling, storage, transportation, processing, and disposal of the product. It should not be considered a warranty or quality specification. Users are responsible for determining the suitability of this material for their intended application and for complying with all applicable laws and regulations.

Authorised by:
Fozia Khot
Director