

## Material Safety Data Sheet Carrot seed oil

### SECTION 1.1 – PRODUCT IDENTIFICATION

**Product Name** : Carrot seed oil  
**Molecular Formula** : Not applicable  
**Molecular Weight** : Not applicable  
**CAS No.** : 8015-88-1

### SECTION: 1.2 COMPANY IDENTIFICATION

**Company Name:** Indenta Chemicals (India) Pvt. Ltd.

**Address:** 117, The Summit Business Bay, Opp Cinemax, Off. Sir M.V. Road, Near WEH Metro Station, Andheri (E), Mumbai 400 093, India

**Telephone #:** +91-22-26849600

**Fax #:** +91-22-26849060

### SECTION 2: COMPOSITION / INFORMATION ON INGREDIENTS

Name	CAS #	% by Weight
Carrot seed oil	8015-88-1	100

**Toxicological Data on Ingredients:** No Data Available

### SECTION 3: HAZARD IDENTIFICATION

#### Routes of Entry

**Eye Contact:** Mild irritation may occur  
**Skin Contact:** Mild irritation may occur  
**Inhalation:** Inhalation may cause irritation in throat and lungs.  
**Ingestion:** Not known

### SECTION 4: FIRST AID MEASURES

**Eyes:** Flush with plenty of water or eye wash solution for 15 minutes. Get medical attention if irritation persists.  
**Skin:** Remove contaminated clothing. Wash with soap and flush with plenty of water. Seek medical attention if irritation persists.  
**Ingestion:** Administer water or milk to dilute. Seek medical attention immediately or call a poison control center.  
**Inhalation:** Avoid gross inhalation of fumes. Remove to fresh air and seek medical attention if needed.

### Indenta Chemicals (India) Pvt. Ltd.

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Phone : +91-22-2684 9600 | Fax : +91-22-2684 9060 | Email: indenta@indenta.com | Website : www.indenta.com

Unit 1: Plot No. 1405, GIDC Sarigam, Dist. Valsad, Gujarat – 396155

Unit 2: Building No. 73, Gala No. 7, Indian Corporation Compound, Village Gundavli, Mankoli Naka, Bhiwandi, Thane - 421302



**SECTION 5: FIRE AND EXPLOSION DATA**

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<b>Flash Point (Method Used):</b>	58°C Closed Cup
<b>Extinguishing Media:</b>	Dry Chemical, Carbon Dioxide, Foam
<b>Unsuitable Media:</b>	Water (except to cool containers)
<b>Special Firefighting Procedures:</b>	Fire fighters should wear positive pressure self-contained breathing apparatus. Toxic vapors may be released. Cool containers exposed to flame with water. Spray extinguishing media directly into base of fire.
<b>Unusual Fire &amp; Explosion Hazards:</b>	None known
<b>Hazardous Decomposition Materials:</b>	None known

**SECTION 6: ACCIDENTAL RELEASE MEASURES**

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<b>Personal Protection:</b>	Avoid ingestion Follow good industrial practice as to housekeeping, personal hygiene and avoidance of prolonged or repeated contact with the skin or eyes. Wear eye protection, gloves and aprons. Ventilate area well or wear approved respirators.
<b>Methods for Cleaning Up:</b>	Eliminate all sources of ignition Ventilate area or wear approved respirators Prevent liquid from entering sewers Small spills can be wiped up with paper rags (place in closed metal waste container) Large spills can be absorbed onto non-flammable absorbent. Wash area with soap and water.

**SECTION 7: HANDLING AND STORAGE**

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**Handling**

<b>Safe Handling:</b>	Avoid ingestion Follow good industrial practice as to housekeeping, personal hygiene and avoidance of prolonged or repeated contact with the skin or eyes. Wear eye protection, gloves and aprons. Ventilate area well or wear approved respirators.
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**Storage****Requirements for Storage Areas and**

<b>Containers:</b>	Store in an area that is cool, dry, and well-ventilated.
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**SECTION 8: EXPOSURE CONTROL / PERSONAL PROTECTION**

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<b>Threshold Limit Value:</b>	Not established
<b>OSHA Permissible Limit:</b>	Not established
<b>Engineering Controls:</b>	Provide adequate ventilation. Safety showers and eye wash stations should be located near work areas. Personal hygiene is an important work practice exposure control measure and the following general measures should be taken. when working with or handling this material:

<b>Work Practice Controls:</b>	(1) Do not store, use, and/or consume foods, beverages, tobacco products, or cosmetics in areas where this material is stored. (2) Wash hands and face carefully before eating, drinking, using tobacco, applying cosmetics, or using the toilet. (3) Wash exposed skin promptly to remove accidental splashes or contact with this material.
<b>Respiratory:</b>	Avoid casual breathing of vapors
<b>Ventilation:</b>	Local, mechanical exhaust in recommended
<b>Eye:</b>	OSHA approved safety glasses
<b>Skin:</b>	Wear gloves and clothing to avoid skin contact

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

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<b>Physical State:</b>	Liquid, Oil
<b>Color:</b>	Clear pale yellow to amber
<b>Odor:</b>	Characteristic of carrot, herbaceous
<b>Vapor Pressure (mm Hg.):</b>	Not available
<b>Flash Point:</b>	58°C
<b>Boiling Point:</b>	Not available
<b>Melting Point:</b>	N/A
<b>Specific Gravity (H<sub>2</sub>O = 1):</b>	Not available
<b>Refractive Index @ 25°C:</b>	Not available
<b>Optical Rotation:</b>	Not available
<b>Solubility in Water:</b>	Insoluble

## SECTION 10: STABILITY AND REACTIVITY

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<b>Stability:</b>	This material is stable under normal conditions
<b>Incompatibility (Materials to Avoid):</b>	Avoid contact with strong oxidizing agents and avoid hot work and sources of ignition on or near empty containers.
<b>Conditions to Avoid:</b>	Avoid contact with sparks, flame and heat.
<b>Hazardous Decomposition or Byproducts:</b>	CO, CO <sub>2</sub> , smoke and unidentified organic compounds may be formed during combustion.
<b>Hazardous Polymerization:</b>	Will Not Occur

## SECTION 11: TOXICOLOGICAL INFORMATION

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<b>CAUTION:</b>	Liquid may be irritating to eyes and skin.
<b>ACGIH TLV:</b>	None established
<b>OSHA PEL:</b>	None established
<b>Carcinogenicity:</b>	NTP Monograph: None established
<b>IARC Monograph:</b>	None established
<b>Acute Toxicity Data:</b>	Oral LD <sub>50</sub> : > 5000 mg/kg [Rat] Dermal LD <sub>50</sub> : > 5000 mg/kg [Rabbit]
<b>Inhalation LC<sub>50</sub>:</b>	None established
<b>Irritancy:</b>	Not Available
<b>Sensitization:</b>	Not Available
<b>Phototoxicity:</b>	Not Available

**SECTION 12: ECOLOGICAL INFORMATION**

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<b>Aquatic Toxicity:</b>	Very toxic to aquatic organisms, may cause long term adverse effects in the aquatic environment
<b>Mobility:</b>	Not available
<b>Persistence:</b>	Not available
<b>Bio-accumulative Potential:</b>	Not available

**SECTION 13: DISPOSAL CONSIDERATION**

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**Waste Disposal Methods:** Dispose of according to local, state and federal regulations.

**SECTION 14: TRANSPORT INFORMATION**

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<b>Land Transport: ADR/RID:</b>	Class: 3 UN #: 1169 Packing Group: III Label Name: Extracts, Aromatic, Liquid.
<b>Maritime Transport: IMDG:</b>	Class: 3 UN #: 1169 Packing Group: III Label Name: Extracts, Aromatic, Liquid. Marine Pollutant: Yes
<b>Air Transport: ICAO-TI/IATA-DGR:</b>	Class: 3 UN #: 1169 Packing Group: III Label Name: Extracts, Aromatic, Liquid.

**SECTION 15: OTHER REGULATORY INFORMATION**

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This product has been classified and marked in accordance with EU Classification (671548/EEC-8813791EEC)

<b>Risk Phrases:</b>	R10: Flammable
<b>Safety Phrases:</b>	S29: Do not empty into drains S43: In case of fire, use CO <sub>2</sub> , sand or extinguishing powder S56: Dispose of this material and its container to hazardous or special waste collection plant S64: If swallowed, rinse mouth with water (only if person is conscious)
<b>Water Hazard</b>	Class: 2: Hazardous for water
<b>Protective Equipment:</b>	Gloves Lab Coat
<b>Approved Vapor Respirator</b>	Splash Goggles

**SECTION 16: ADDITIONAL INFORMATION**

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This information is provided for documentation purposes only.

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