



## Material Safety Data Sheet

### Rose Hip Oil

#### Section 1.1 – Product Identification

**Product name :** Rose hip Oil  
**Botanical Name:** Rosa Rubiginosa  
**Synonyms :** Rosa bakeri, Rosa canina, Rosa lutetiana, Rosa montivaga.

#### Section: 1.2 – Company Identification

**Company Name:** Indenta Chemicals (India) Pvt. Ltd.  
**Address:** 201, Adamji Building, 413, Narshi Natha Street, Mumbai -400 009. (India)  
**Telephone #:** +91-22-23449820 / 23411655  
**Fax #:** +91-22-23432060

#### Section 2: Hazard Identification

**Eye Contact:** Mild irritation may occur  
**Skin Contact:** Mild irritation may occur  
**Ingestion:** Not known  
**Inhalation:** Irritating

#### Section 3: Composition / Ingredient Information

**Contents:** Palmitic, palmitoleic, stearic, oleic, linoleic, a-linolenic, g-linolenic, arachidic and eicosanic acids, epicatechin, flavonoids, gallic acid, isoquercitrin, kaempferol-3-glucoside, leucoanthocyanins, lycopene, magnesium, rubidium, rubixanthin, alpha-tocopherol, xanthophylls, tretinoin and zeaxanthin

Oleic Acid Content:13–17 %	Stearic Acid Content:1.0–3.0 %
Palmitic Acid Content:2.0–5.0 %	Linolenic Acid Content:27–37 %
Linoleic Acid Content:42–49 %	

#### Section 4: First Aid Measures

**General advice:** Consult a physician. Show this safety data sheet to the doctor in attendance.  
**Eyes:** Flush with plenty of water or eye wash. Consult a physician.  
**Skin:** Wash off soap and water. Get medical attention if irritation persists.  
**Ingestion:** Seek immediate medical advice  
**Inhalation:** If breathed in, move person into fresh air. Consult a physician.

## Section 5: Fire Fighting Measures

---

**Flash Point:** >100°C

**Suitable extinguishing media:** Use dry chemical or CO<sub>2</sub>, alcohol-resistant foam, water spray.

**Special protective equipment:** Wear self-contained breathing apparatus for firefighting if necessary.

**Decomposition Materials:** Carbon Dioxide, Carbon Monoxide.

## Section 6: Accidental Release Measures

---

**Environmental Precautions:** Keep away from drains, surface and ground water. Report spills to appropriate authorities if required.

**Methods for cleaning up:** Absorb onto an inert, absorbent substrate and sweep up. Wash area with soap and water.

**Safety Precautions:** Eliminate all ignition sources. Ventilate area.

## Section 7: Handling And Storage

---

**Handling:** Avoid contact with skin and eyes. Avoid inhalation of vapour or mist. Keep away from fire and open flames.

**Storage:** Store in cool, dry and well-ventilated area protected in tightly closed container away from sources of ignition, heat and sunlight.

## Section 8: Exposure Control / Personal Protection

---

**Work/Hygiene Practice:** Normal work and hygiene practices for handling non-hazardous liquid material.

**Eye:** Safety glasses should be worn.

**Skin/Body:** Using chemically resistant clothes and gloves are recommended.

**Respiratory:** Not needed under normal conditions of use.

**Other:** Evaluate need based on application. Slip proof shoes may be worn where spills may occur.

## Section 9: Physical And Chemical Properties

---

<b>Appearance</b>	:	Reddish orange clear liquid
<b>Odour</b>	:	Charecteristic neutral odour
<b>Refraction Index 20°C</b>	:	1.470 – 1.487
<b>Specific Gravity 20°C</b>	:	0.91 – 0.93 g/ml
<b>Acid Value (mg KOH/g)</b>	:	1 Max.
<b>Unsaponifiable matter (mg KOH/g)</b>	:	<2.0 %
<b>Saponifiable matter (mg KOH/g)</b>	:	145 - 210
<b>Palmitic Acid</b>	:	3 – 5%
<b>Stearic Acid</b>	:	1 – 3 %
<b>Oleic Acid</b>	:	13 – 16%
<b>Linoleic Acid</b>	:	40 – 55%
<b>Linolenic Acid</b>	:	25 – 35%
<b>Iodine Value(g.Iodine /100 g)</b>	:	165 - 190
<b>Peroxide Value (meq O<sub>2</sub>/kg)</b>	:	5 maximum
<b>Solubility</b>	:	Soluble in oil, Insoluble in water
<b>Stability</b>	:	Stable under normal conditions
<b>Reactivity</b>	:	Avoid Oxidizing materials

## Section 10: Stability And Reactivity

---

**Stability:** Stable under recommended storage conditions.

**Conditions to Avoid:** Avoid sparks, flame, excessive heat and strong oxidizers and strong acids.

**Hazardous Polymerization:** N/A.

**Hazardous Decomposition products:** None known. When heated to decomposition produces acid fumes and carbon monoxide smoke

## Section 11: TOXICOLOGICAL INFORMATION

---

**Eyes:** Not expected to be an irritant.

**Skin Irritancy:** Not expected to be an irritant.

**Threshold Limit Value:** Non Toxic.

**Signs and Symptoms of Exposure:** N/A

**Carcinogenicity:** None.

**Reproductive Toxicity:** N/A

**Teratogenicity:** N/A

**Mutagenicity:** N/A

## Section 12: ECOLOGICAL INFORMATION

---

**Biodegradation:** Expected to be ultimately biodegradable

**Aquatic Toxicity:** No Data.

**Bacterial Toxicity:** No Data.

## Section 13: DISPOSAL CONSIDERATION

---

**Waste Disposable method** Combustible material may be burned in a chemical incinerator equipped with an afterburner and scrubber in accordance with all federal, state, and local environmental regulations. Contact a licensed professional waste disposal service to dispose of this material.

**Contaminated packaging** Dispose of as unused product. .

## Section 14: Transport Information

---

	US DOT	IATA	RID / ADR	IMO	Canada TDG
<b>Shipping Name</b>	Essential Oils	Essential Oils	Essential Oils	Essential Oils	Essential Oils
<b>Hazard Class</b>	N.A.	N.A.	N.A.	N.A.	N.A
<b>UN Numbering</b>	Not Regulated to DGR goods	Not Regulated to DGR goods	Not Regulated to DGR goods	Not Regulated to DGR goods	Not Regulated to DGR goods
<b>Packing Group</b>	N.A.	N.A.	N.A.	N.A.	N.A.

## Section 15: REGULATORY INFORMATION

---

**Risk Phrases (R):** N / A

**Safety Phrases (S):** N / A

**WHMIS classification for product:** N / A

## Section 16: Additional Information

---

This information is provided for documentation purposes only.

The information contained in this Certificate of Analysis and Material Safety Data Sheet is obtained from current and reliable sources. The information contained herein is true and to the best of Indenta Chemicals (India) Pvt. Ltd. knowledge. Nothing herein should be interpreted as a recommendation to infringe existing patents or violate any Laws or Regulation. Final determination of the suitability of the material is the sole responsibility of the user. Customers should purchase products from Indenta Chemicals (India) Pvt. Ltd. with the clear understanding that all products must be used at the customers own discretion and only after referencing Material Safety Data Sheets (MSDS) and all other relevant technical information specific to the product. Indenta Chemicals (India) Pvt. Ltd. shall not be held responsible for any damages to property or for any adverse physical effects (including injury or bodily harm) caused by insufficient knowledge or the improper use of a product. The user of the product is solely responsible for compliance with all laws and regulations applying to the use of the products, including intellectual property rights of third parties. As with any manufacturing process, Indenta Chemicals (India) Pvt. Ltd. strongly recommends small lab scale testing for evaluation purposes prior to full commercial manufacturing. The information on the Indenta Chemicals (India) Pvt. Ltd. website is obtained from current and reliable sources but makes no representation as to its comprehensiveness or accuracy. Nothing contained herein should be considered as a recommendation by Indenta Chemicals (India) Pvt. Ltd. as to the fitness for any use. As the ordinary or otherwise use(s) of this product is outside the control of Indenta Chemicals (India) Pvt. Ltd., no representation or warranty, expressed or implied is made as to the effect(s) of such use(s) (including damage or injury), or the results obtained. The liability of Indenta Chemicals (India) Pvt. Ltd. is limited to the value of the goods and does not include any consequential loss. Indenta Chemicals (India) Pvt. Ltd. shall not be liable for any errors or delays in the content, or for any actions taken in reliance thereon.