

# Certificate of Analysis

## PRODUCT IDENTIFICATION AND COMPOSITION

<b>Product Name:</b>	<b>Rose Otto 3% in Jojoba Oil</b>
<b>Botanical Name:</b>	Simmondsia chinensis, Rosa Damascena
<b>Product Code:</b>	EODROSEOTTO
<b>Batch Number:</b>	4400108
<b>Best Before Date:</b>	June 2022

## PHYSICAL AND CHEMICAL PROPERTIES

Test	Specification	Result
<b>Appearance:</b>	Pale yellow to slightly orange liquid	Conforms
<b>Odour:</b>	Characteristic	Conforms

## STORAGE CONDITIONS

Store in full, original, tightly closed container in a cool place, away from heat and direct sunlight.

To limit oxidation the contents of the container should all be used once opened. Otherwise the container should be tightly closed each time it is opened, and the oil re-tested before use.

## ADDITIONAL INFORMATION

The information contained in this Certificate of Analysis is obtained from current and reliable sources. MADAR Corporation Ltd provides the information contained herein in good faith but makes no representation as to its comprehensiveness or accuracy. Individuals receiving this information must exercise their independent judgment in determining its appropriateness for a particular purpose. As the ordinary or otherwise use(s) of this product is outside the control of MADAR Corporation 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. MADAR Corporation Ltd expressly disclaims responsibility as to the ordinary or otherwise use(s). Furthermore, nothing contained herein should be considered as a recommendation by MADAR Corporation Ltd as to the fitness for any use. The liability of MADAR Corporation Ltd is limited to the value of the goods and does not include any consequential loss. MADAR Corporation Ltd shall not be liable for any errors or delays in the content, or for any actions taken in reliance thereon. MADAR Corporation Ltd shall not be responsible for any damages resulting from use of or reliance upon this information. 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.



## MATERIAL SAFETY DATA SHEET

### 1. COMPANY DETAILS

**1.1 Company:** MADAR Corporation Limited  
**1.2 Address:** 19-20 Sandleheath Industrial Estate, Fordingbridge, Hampshire, SP6 1PA  
**1.3 Telephone Number:** 01425 655555  
**1.4 Email:** sales@madarcorporation.co.uk  
**1.5 Approved Sellers:** Cosmetic Bases, Mystic Moments, New Directions, World of Moulds

### 2. PRODUCT IDENTIFICATION AND COMPOSITION

**2.1 Product Name:** Rose Otto Essential Oil 3% in Jojoba Oil  
**2.2 Botanical Name:** *Rosa damascena*  
**2.3 Product Code:** EODROSEOTTO  
**2.4 USA INCI Name:** Not allocated  
**2.5 EU INCI Name:** Not allocated

#### 2.6 Ingredients:

Component Entity	CAS Number	EINECS Number	Proportions [%w/w]
Jojoba Vegetable Oil	61789-91-1	Not allocated	97.0%
Rose Otto Essential Oil	8007-01-0	290-260-3	3.0%

**2.7 Uses:** Fragrance Ingredient.  
Skin care preparations, miscellaneous.

### 3. HAZARD IDENTIFICATION

#### 3.1 Physical - Chemical Hazards

**Explosion:** None identified.  
**Flammable:** Combustible liquid, produces oxides of carbon when burning.  
**Oxidizing:** Not applicable.  
**Toxic:** None identified.  
**Radioactive:** Not applicable.  
**Corrosive:** None identified.  
**Miscellaneous:** None identified.

**3.2 Environmental Hazards:** None identified.

#### 3.3 Health Hazards

**Acute Effects:**  
**Swallowed:** May cause abdominal pain, maybe harmful.  
Excessive ingestion of liquid can cause gastric distress and mild diarrhoea.  
**Eye:** May cause mild irritation.  
**Skin:** Non irritating or sensitising.  
**Inhalation:** May be harmful.  
**Chronic Effects:** None identified.  
**Mutagenic Effects:** None identified.  
**Reproductive Effects:** None identified.  
**Carcinogenic Effects:** None identified.  
**Sensitisation:** None identified.  
**Infectious:** Not applicable.



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### 4. FIRST AID

- 4.1 Eye Contact:** Flush immediately with clean water for at least 15 minutes. Ensure irrigation under eyelids. Do not try to remove contact lenses unless trained.  
Contact a physician as necessary.
- 4.2 Skin Contact:** Remove any contaminated clothing and footwear. Clean before re-use.  
Wash affected areas thoroughly with soap and water for at least 15 minutes.  
Contact a physician as necessary.
- 4.3 Inhalation:** Remove from the exposure to fresh air. If breathing has stopped, administer artificial respiration and oxygen if available.  
Contact a physician as necessary.
- 4.4 Ingestion:** Do Not induce vomiting.  
Wash out mouth with water and give water slowly to dilute [as much as casualty can comfortably drink] provided person is conscious.  
Never give liquid to a person showing signs of being sleepy or with reduced awareness; i.e. becoming unconsciousness.  
Contact a physician or local poison control centre immediately.  
If vomiting occurs, lean patient forward or place on left side [head-down position, if possible] to maintain open airway and prevent aspiration.
- 4.5 Contact Point:** Poisons Information Centre
- 4.6 Advice to Doctor:** Treat symptomatically. Note the nature of this product.

### 5. FIRE FIGHTING MEASURES

- 5.1 Extinguishing Media:** Carbon Dioxide; Dry Chemical; Universal-Type Foam.
- 5.2 Unsuitable Extinguishing Media:** Water Spray; Others not established.
- 5.3 Unusual Firefighting Hazards:** None identified.
- 5.4 Special Procedures:** Determine the need to evacuate or isolate the area according to your local emergency plan.
- 5.5 Protective Equipment:** Self-contained breathing apparatus and protective clothing should be worn when fighting fires involving essential oils or chemicals.
- 5.6 Combustion Products:** Oxides of carbon.
- 5.7 Contact Point:** Dial Local Emergency Authority.

### 6. ACCIDENTAL RELEASE MEASURES

- 6.1 Personal Precautions:** Use of self-contained breathing apparatus is recommended for any major chemical spill. Refer also to section 8.
- 6.2 Safety Precautions:** Eliminate ALL ignition sources. Ventilate area. Determine the need to evacuate or isolate the area according to your local emergency plan;
- 6.3 Environmental Precautions:** Keep away from drains, surface and ground water.  
Report spills to appropriate Authorities if required.
- 6.4 Methods For Cleaning Up:** Contain spill and recover free product. Absorb remainder on vermiculite or other suitable absorbent material. Wipe small spills with cloth. Clean with hot water and detergent. Refer also to Section 13. for disposal procedures.



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### 7. SAFE HANDLING AND STORAGE INFORMATION

- 7.1 Handling:** Avoid inhalation and contact with skin and eyes. Good personal hygiene practices should be used. Wash after any contact, before breaks and meals, and at the end of the work period. Contaminated clothing and shoes should be cleaned before re-use.
- 7.2 Storage:** Not a hazardous material. Not a Scheduled Poison. Containers should be kept closed in order to minimise contamination. Store in a cool, dry, well ventilated place protected from light. Refrigeration storage recommended. Keep from extreme heat and away from ALL sources of ignition. Make sure the material does not come into contact with substances listed as: "Materials to Avoid", Refer to Section 10.
- 7.3 Unsuitable Packaging Materials:** None established.
- 7.4 Special Procedures:** None established.

### 8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

- 8.1 Respiratory Protection:** None generally required. Use NIOSH approved respirator in confined areas or if ventilation is inadequate.
- 8.2 Ventilation Protection:** Ensure adequate ventilation to keep exposure levels to a minimum. General exhaust is recommended.
- 8.3 Eye Protection:** Using goggles or face shield is recommended.
- 8.4 Protective Gloves:** Using chemical resistant gloves is recommended.
- 8.5 Protective Clothing:** Using chemical resistant clothing is recommended.
- 8.6 Protective Equipment:** An eyewash fountain and / or safety shower should be available in the work area.
- 8.7 Special Engineering Controls:** None established.
- 8.8 Other Personal Protection:** Consult the following Australian Standards for general advice regarding safety clothing and equipment: Respiratory Equipment: **AS/NZS 1715**, Protective Gloves: **AS 2161**, Industrial Clothing: **AS 2919**, Industrial Eye Protection: **AS 1336** and **AS/NZS 1337**, Occupational Protective Footwear: **AS/NZS 2210**.
- 8.9 Note:** These precautions are for room temperature handling. Use at elevated temperature or aerosol / spray applications may require additional precautions.



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9. PHYSICAL AND CHEMICAL PROPERTIES	
TEST	SPECIFICATION
9.1 Appearance:	Pale yellow to slightly orange liquid
9.2 Odour:	Characteristic
Odour Threshold:	Not available.
9.3 Specific Gravity:	0.850 to 0.870 @ 25°C
9.4 Refractive Index:	Not available.
9.5 Optical Rotation:	Not available.
9.6 pH:	Not available.
9.7 Solubility:	Soluble in vegetable oils
9.8 Solubility in Water:	Insoluble
9.9 Flash Point:	> 80°C [Closed Cup]
9.10 Flammability Limits [as % v/v in Air]	
Lower Explosion Limit:	Not available.
Upper Explosion Limit:	Not available.
9.11 Autoignition Temperature:	Not available.
9.12 Melting Point:	Not available.
9.13 Boiling Point:	Not available.
9.14 Vapour Pressure:	Not available.
9.15 Vapour Density:	Not available.

9.16 SCCNFP Allergens Annex III – Cosmetic Directive 2003/15/EC [7 <sup>th</sup> amendment]. Detection Limit 0.01%.					
CONSTITUENT	IFRA	EFFA	CAS Number	EINECS Number	RANGE
Amyl Cinnamal:	YES	NO	122-40-7	204-541-5	Not Detected
Amyl Cinnamyl Alcohol:	YES	NO	101-85-9	202-982-8	Not Detected
Anisyl Alcohol:	NO	YES	1331-81-3	215-561-9	Not Detected
Benzyl Alcohol:	NO	YES	100-51-6	202-859-9	Not Detected
Benzyl Benzoate:	NO	YES	120-51-4	204-402-9	Not Detected
Benzyl Cinnamate:	NO	YES	103-41-3	203-109-3	Not Detected
Benzyl Salicylate:	NO	YES	118-58-1	204-262-9	Not Detected
Cinnamal:	YES	YES	104-55-2	203-213-9	Not Detected
Cinnamyl Alcohol:	YES	YES	104-54-1	203-212-3	Not Detected
Citral:	YES	YES	5392-40-5	226-394-6	Not Detected
Citronellol:	NO	YES	106-22-9	203-375-0	< 2%
Coumarin:	NO	YES	91-64-5	Not allocated	Not Detected
Eugenol:	YES	YES	97-53-0	202-589-1	< 0.09%
Farnesol:	YES	YES	4602-84-0	225-004-1	Not Detected
Geraniol:	NO	YES	106-24-1	203-377-1	< 0.6%
Hexyl Cinnamal:	YES	NO	101-86-0	202-983-3	Not Detected
Citronellal Hydrate:	YES	NO	107-75-5	203-518-7	Not Detected
iso-Eugenol:	YES	YES	97-54-1	202-590-7	Not Detected
Butyl Phenyl Methyl Propional:	YES	NO	80-54-6	201-289-8	Not Detected
Limonene:	YES	YES	5989-27-5	227-813-5	Not Detected
Linalool:	YES	YES	78-70-6	201-134-4	Not Detected
Hydroxyisohexyl-3-Cyclohexene Carboxaldehyde	NO	NO	31906-04-4	250-863-4	Not Detected
Methyl Heptin Carbonate:	YES	NO	111-12-6	203-836-6	Not Detected
Methyl Ionone:	YES	NO	127-51-5	204-846-3	Not Detected
			90028-68-5	289-861-3	
Evernia Prunastri Extract [Oakmoss]:	YES	NO	9000-50-4		Not Detected
			68917-10-2		
			90028-67-4	289-860-8	
Evernia Furfuracea Extract [Treemoss]:	YES	NO	68648-41-9		Not Detected
			68917-40-8		



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### 9.17 Additional EFFA Listed Sensitisers & IFRA Notifiable Substances. Detection Limit 0.01%.

CONSTITUENT	IFRA	EFFA	CAS Number	EINECS Number	RANGE
No Additional Sensitisers	NO	NO	Not allocated	Not allocated	Not Detected
No Additional Notifiable Substances	NO	NO	Not allocated	Not allocated	Not Detected

### 10. STABILITY AND REACTIVITY

<b>10.1 Stability:</b>	Chemically stable, non hazardous material. This material presents no significant reactivity hazard.
<b>10.2 Conditions to Avoid:</b>	None established.
<b>10.3 Materials to Avoid:</b>	Strong acids, strong alkalis and oxidizing agents.
<b>10.4 Flammability:</b>	Combustible liquid.
<b>10.5 Hazardous Polymerization:</b>	Will not occur.
<b>10.6 Hazardous Combustion or Decomposition Products:</b>	Carbon monoxide and unidentified organic compounds may be formed during combustion.

### 11. TOXICOLOGICAL INFORMATION

<b>11.1 Acute Toxicity</b>	
LD50 [Oral]:	Not tested on animals – So not available.
LD50 [Dermal]:	Not tested on animals – So not available.
LC50 [Inhalation]:	Not tested on animals – So not available.
<b>11.2 Exposure Limits</b>	There is a blanket recommendation of 10 mg/m <sup>3</sup> for inspirable dusts or mists when limits have not otherwise been established.
OSHA TWA:	None established.
OSHA STEL:	None established.
ACGIH TWA:	None established.
ACGIH STEL:	None established.
NOHSC TWA:	None established.
NOHSC STEL:	None established.
<b>11.3 Short Term Toxicity:</b>	Not available.
<b>11.4 Long Term Toxicity:</b>	Not available.
<b>11.5 Human Exposure Tests:</b>	Not available.

### 12. ECOLOGICAL INFORMATION

<b>12.1 Eco-toxicity:</b>	None established. Avoid pollution to soil, rivers and the ocean.
<b>12.2 Mobility:</b>	Low mobility in the soil.
<b>12.3 Persistence &amp; Degradability:</b>	Low persistence level and readily biodegradable.
<b>12.4 Bio-accumulative Potential:</b>	None established.
<b>12.5 Other Adverse Effects:</b>	None established.

### 13. DISPOSAL CONSIDERATION

<b>13.1 Waste Material:</b>	Place material and / or absorbent into sealed containers and dispose of in accordance with current applicable laws and regulations. Refer to local Authority advice.
<b>13.2 Contaminated Packaging:</b>	Dispose of in accordance with current applicable laws and regulations. Refer to local Authority advice.
<b>13.3 Note:</b>	Empty containers can have residues, gases and mists. Use the proper Waste Disposal Methods & Procedures for Empties as well.



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### 14. TRANSPORT INFORMATION

<b>14.1 Transportation:</b>	Not Dangerous Goods for Transport by Road and Rail. No special transport required. Not to be transported with Classes 1 [Explosives], 2.1 [Flammable Gases] [nb this applies only when in bulk], 2.3 [Poisonous Gases], 4.2 [Spontaneously Combustible Substances], 5.1 [Oxidising Agents], 5.2 [Organic Peroxides], 7 [Radioactive Substances].
<b>14.2 Proper Shipping Name:</b>	Not Regulated.
<b>14.3 UN Number:</b>	Not allocated.
<b>14.4 Packaging Group:</b>	Not allocated.
<b>14.5 DG Class:</b>	Not allocated.
<b>14.6 Poison Schedule:</b>	Not Scheduled.
<b>14.7 Hazchem Code:</b>	Not allocated.

14.8 Maritime Transportation IMDG	14.9 Air Transportation ICAO-TI and IATA-DGR
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<b>IMDG Class:</b>	Not allocated.	<b>ICAO / IATA Class:</b>	Not allocated.
<b>Label:</b>	Not allocated.	<b>Label:</b>	Not allocated.
<b>UN Number:</b>	Not allocated.	<b>UN Number:</b>	Not allocated.
<b>Packaging Group:</b>	Not allocated.	<b>Packaging Group:</b>	Not allocated.
<b>EMS Number:</b>	Not allocated.		
<b>Marine Pollutant:</b>	Not Regulated.		
<b>Proper Shipping Name:</b>	Not Regulated.	<b>Proper Shipping Name:</b>	Not Regulated.

### 15. REGULATORY INFORMATION

<b>15.1 Risk Symbols:</b>	Not allocated.
<b>15.2 Risk Phrases:</b>	Not allocated.
<b>15.3 Safety Phrases:</b>	Not allocated.
<b>15.4 Warning Statements:</b>	Not allocated.
<b>15.5 Safety Directions:</b>	Not allocated.
<b>15.6 Standard Statements:</b>	Not allocated.

### 16. ADDITIONAL INFORMATION

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## **Vegetarian & Vegan Suitability Statement**

PRODUCT NAME: **Rose Otto Dilution**

MADAR Corporation Limited can confirm that the above listed product does not contain dairy or any other animal product, by product or derivative and is therefore suitable for vegetarian and vegan use.