

SAFETY DATA SHEET

EC Regulation No.1907/2006 (REACH) & 1272/2008 (CLP)

THIS PRODUCT IS FOR EXTERNAL USE ONLY- DO NOT INGEST

1 IDENTIFICATION OF SUBSTANCE/MIXTURE AND OF THE COMPANY

1.1 Product identifier

Commercial Name: ROSE OTTO OIL
INCI Name: ROSA DAMACENA FLOWER OIL
CAS No: 90106-38-0
EINECS No: 290-260-3
TSCA CAS No: 8007-01-0
FEMA: 2989
Chemical Name:
Botanical Name: *Rosa damacena*
Origin: Bulgaria

1.2 Relevant identified uses of the substance or mixture and uses advised against

Identified use (s): Essential Oil. Perfume/fragrance material for manufacturing purposes only.

1.3 Details of the supplier of the safety data sheet

Company Name: AROMA TRADING LIMITED
Contact: JOHN BLACK
Address: Unit 3 Quatro Park, Tanners Drive, Milton Keynes MK14 5FJ ENGLAND
Telephone : ☎ + 44 (0) 1908 334100
Fax: ☎ + 44 (0) 1908 211376
Email : ✉ sales@aromatrading.com
Emergency Tel. No.: ☎ + 44 (0) 1908 334100

2. HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

According to the current IFRA/ IOFI 2023 Labelling Manual and Regulation (EC) No. 1272/2008 (CLP)

| Hazard Class | Abbreviation | Hazard Category | Hazard Code | Hazard Statement |
|---------------------------|--------------|-----------------|-------------|---|
| Acute Toxic Dermal | ATD | 5 | H313 | May be harmful in contact with skin |
| Skin Corrosion/Irritation | SCI | 2 | H315 | Causes skin irritation |
| Skin Sensitisation | SS | 1 | H317 | May cause an allergic skin reaction |
| Eye Damage/Irritation | EDI | 1 | H318 | Causes serious eye damage |
| Carcinogenicity | CAR | 2 | H351 | Suspected of causing cancer |
| Mutagenicity | MUT | 2 | H341 | Suspected of causing genetic defect |
| Environmental Acute | EHA | 2 | H401 | Toxic to aquatic life |
| Environmental Chronic | EHC | 3 | H412 | Harmful to aquatic life with long lasting effects |

2.2 Label elements

Symbols:



Signal word: DANGER

UN Global Harmonised System Precautionary Statements (CLP)

| | Prevention Statements |
|------|--|
| P210 | Keep away from heat/sparks/open flames/hot surface. No smoking |
| P233 | Keep container tightly closed |
| P280 | Wear protective gloves/clothing, eye/face protection |
| P264 | Wash hands thoroughly after handling |
| P261 | Avoid breathing dust/fume/gas/mist/vapours/spray. |
| P272 | Contaminated work clothing should not be allowed out of the workplace. |
| P273 | Avoid release to the environment |
| | |



| | Response Statements |
|----------|--|
| P303/361 | IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. |
| P302/352 | IF ON SKIN: Wash with plenty of soap and water. |
| P301/310 | IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. |
| P333/313 | If skin irritation or rash occurs: Get medical advice/attention. |
| P321/363 | Protective clothing should be washed before reuse |
| P331 | Do NOT induce vomiting. |
| P332/313 | If skin irritation occurs: Get medical advice/attention |
| P362 | Take off contaminated clothing and wash before reuse. |
| P353 | Rinse skin with water/shower. |
| P305 | IF IN EYES: Rinse cautiously with water for several minutes. |
| P351/338 | Remove contact lenses if present and easy to do. Continue rinsing. |
| P337/313 | If eye irritation persists: get medical advice/attention |
| P370/378 | In case of fire: Use carbon dioxide, foam or dry powder for extinction. |
| P312 | Call a POISON CENTER or doctor/physician if you feel unwell. |
| P391 | Collect spillage |

| | Storage and Disposal Statements |
|------|---|
| P403 | Store in a well ventilated place. |
| P235 | Keep cool |
| P501 | Dispose of contents and container in accordance with international regulation |

3. COMPOSITION/INFORMATION ON CONSTITUENTS**3.1 Nature Of Product** ROSE OTTO OIL (100% Pure & Natural)

Rosa Damascena Flower Oil is the volatile oil obtained from the flowers of the Damask Rose, Rosa damascena, Rosaceae

EINECS No: 290-260-3
FEMA: 2989

CAS No: 90106-38-0
FDA: -

TSCA CAS No: 8007-01-0
HC (%): 25

3.2 Constituents

These indicative levels should be taken into account when determining the compliance of the essential oil under its condition of use. (In accordance with Regulation (EC) No 1272/2008 and IFRA/IOFI Labelling Manual 2022 Classified constituents $\geq 0.1\%$, no Aspiration hazard & Flammability)

| CONSTITUENT | CAS NUMBER | \leq % | RELEVANT GHS |
|---------------------|------------|----------|--|
| 4-Carvomenthenol | 562-74-3 | 0.3 | Acute Tox. 4 (Oral);H302 Acute Tox. 5 (Dermal);H313 Skin Irrit. 2;H315 Eye Irrit. 2B;H320 STOT SE 3;H336 Aquatic Acute 2;H401 Acute Tox. 4 (Inhalation:dust,mist);H332 |
| alpha-Guaiene | 3691-12-1 | 0.43 | Skin Irrit. 2;H315 Eye Irrit. 2A;H319 |
| alpha-Pinene | 80-56-8 | 3.6 | Acute Tox. 4 (Oral);H302 Skin Irrit. 2;H315 Skin Sens. 1B;H317 Aquatic Acute 1;H400 Aquatic Chronic 1;H410 |
| alpha-Terpineol | 98-55-5 | 6.0 | Acute Tox. 5 (Oral);H303 Skin Irrit. 2;H315 Eye Irrit. 2A;H319 Aquatic Acute 2;H401 |
| beta-Caryophyllene | 87-44-5 | 3.00 | Skin Sens. 1B;H317 Aquatic Chronic 4;H413 |
| beta-Pinene | 127-91-3 | 1.4 | Skin Irrit. 2;H315 Skin Sens. 1B;H317 Aquatic Acute 1;H400 Aquatic Chronic 1;H410 |
| Camphene | 79-92-5 | 0.14 | Eye Irrit. 2B;H320 Aquatic Acute 1;H400 Aquatic Chronic 1;H410 |
| cis-3-Hexenol | 928-96-1 | 0.2 | Eye Irrit. 2A;H319 |
| cis-beta-Ocimene | 3338-55-4 | 0.15 | Acute Tox. 5 (Oral);H303 Skin Irrit. 2;H315 Aquatic Acute 1;H400 Aquatic Chronic 2;H411 |
| cis-Rose oxide | 876-17-5 | 0.37 | Acute Tox. 5 (Oral);H303 Skin Irrit. 2;H315 Eye Irrit. 2A;H319 Repr. 2;H361 Aquatic Acute 3;H402 |
| Citronellal | 106-23-0 | 0.1 | Acute Tox. 5 (Oral);H303 Acute Tox. 5 (Dermal);H313 Skin Irrit. 2;H315 Eye Irrit. 2A;H319 Skin Sens. 1B;H317 Aquatic Acute 2;H401 |
| Citronellyl acetate | 150-84-5 | 0.45 | Skin Irrit. 2;H315 Aquatic Acute 2;H401 Aquatic Chronic 2;H411 |
| delta-3-Carene | 13466-78-9 | 0.19 | Skin Sens. 1;H317 Skin Irrit. 2;H315 Acute Tox. 5 (Oral);H303 Acute Tox. 4 (Inhalation:dust,mist);H332 Aquatic Acute 2;H401 Aquatic Chronic 2;H411 |
| dl-Citronellol | 106-22-9 | 37.0 | Skin Sens. 1B;H317 Skin Irrit. 2;H315 Eye Irrit. 2A;H319 Aquatic Acute 2;H401 Acute Tox. 5 (Oral);H303 Acute Tox. 5 (Dermal);H313 |
| d-Limonene | 5989-27-5 | 1.70 | Skin Irrit. 2;H315 Skin Sens. 1B;H317 Aquatic Acute 1;H400 Aquatic Chronic 3;H412 |
| Ethyl alcohol | 64-17-5 | 1.50 | Eye Irrit. 2A;H319 |
| Eucalyptol | 470-82-6 | 0.11 | Acute Tox. 5 (Oral);H303 Skin Sens. 1B;H317 Eye Irrit. 2B;H320 Aquatic Acute 3;H402 |

3. COMPOSITION/INFORMATION ON CONSTITUENTS**3.2 Constituents**

| CONSTITUENT | CAS NUMBER | <= % | RELEVANT GHS |
|-----------------------------|------------|------|--|
| Eugenol | 97-53-0 | 3.0 | Acute Tox. 5 (Oral);H303 Skin Irrit. 3;H316 Eye Irrit. 2A;H319 Skin Sens. 1B;H317 Aquatic Acute 2;H401 |
| Eugenyl methyl ether | 93-15-2 | 1.7 | Acute Tox. 4 (Oral);H302 Muta. 2;H341 Carc. 2;H351 Aquatic Acute 2;H401 |
| Geranial | 141-27-5 | 1.3 | Acute Tox. 5 (Dermal);H313 Skin Irrit. 2;H315 Eye Irrit. 2A;H319 Skin Sens. 1B;H317 Aquatic Acute 2;H401 |
| Geraniol | 106-24-1 | 27.0 | Skin Irrit. 2;H315 Eye Dam. 1;H318 Aquatic Acute 3;H402 Acute Tox. 5 (Oral);H303 Skin Sens. 1;H317 |
| Geranyl acetate | 105-87-3 | 5.0 | Skin Sens. 1B;H317 Skin Irrit. 2;H315 Aquatic Chronic 3;H412 Aquatic Acute 2;H401 |
| Hexanal | 66-25-1 | 0.11 | Eye Irrit. 2A;H319 Aquatic Acute 2;H401 Skin Irrit. 2;H315 Skin Sens. 1B;H317 |
| Hexyl alcohol | 111-27-3 | 0.35 | Acute Tox. 4 (Oral);H302 Acute Tox. 4 (Dermal);H312 Skin Irrit. 3;H316 Eye Irrit. 2A;H319 Aquatic Acute 3;H402 |
| Linalool | 78-70-6 | 5.0 | Acute Tox. 5 (Oral);H303 Skin Irrit. 2;H315 Eye Irrit. 2A;H319 Skin Sens. 1B;H317 Aquatic Acute 3;H402 |
| Myrcene | 123-35-3 | 0.5 | Skin Irrit. 2;H315 Eye Irrit. 2A;H319 Aquatic Acute 1;H400 Aquatic Chronic 2;H411 |
| Neral | 106-26-3 | 0.5 | Acute Tox. 5 (Dermal);H313 Skin Irrit. 2;H315 Eye Irrit. 2A;H319 Skin Sens. 1B;H317 Aquatic Acute 2;H401 |
| Nerol | 106-25-2 | 15.0 | Acute Tox. 5 (Oral);H303 Skin Irrit. 2;H315 Eye Irrit. 2A;H319 Skin Sens. 1B;H317 Aquatic Acute 2;H401 |
| Neryl acetate | 141-12-8 | 0.16 | Skin Sens. 1B;H317 Aquatic Acute 2;H401 |
| Phenethyl acetate | 103-45-7 | 1.0 | Eye Dam. 1;H318 Aquatic Acute 3;H402 Acute Tox. 5 (Oral);H303 |
| Phenethyl alcohol | 60-12-8 | 5.0 | Acute Tox. 4 (Oral);H302 Acute Tox. 5 (Dermal);H313 Skin Irrit. 3;H316 Eye Irrit. 2A;H319 |
| trans beta-Ocimene | 3779-61-1 | 0.34 | Acute Tox. 5 (Oral);H303 Skin Irrit. 2;H315 Aquatic Acute 1;H400 Aquatic Chronic 2;H411 |
| trans-Nerolidol | 40716-66-3 | 0.35 | Eye Irrit. 2B;H320 Skin Sens. 1B;H317 Aquatic Acute 1;H400 Aquatic Chronic 1;H410 |
| trans-Rose oxide | 876-18-6 | 0.21 | Acute Tox. 5 (Oral);H303 Skin Irrit. 2;H315 Eye Irrit. 2A;H319 Repr. 2;H361 Aquatic Acute 3;H402 |
| trans-trans-alpha-Farnesene | 502-61-4 | 0.13 | Skin Irrit. 3;H316 |
| trans-trans-Farnesol | 106-28-5 | 2.0 | Skin Irrit. 2;H315 Eye Irrit. 2A;H319 Skin Sens. 1B;H317 |

4. FIRST AID MEASURES

4.1 Description of first aid measures

- Ingestion:** Do not induce vomiting, give a glass of water. Seek urgent medical attention and show this information.
- Inhalation:** Remove casualty to fresh air, keep respiratory passages clear and seek urgent medical attention.
- Eye contact:** Irrigate with sterile water or saline for at least 15 minutes. Seek urgent medical attention if irritation persists or tissue damage is apparent.
- Skin contact:** Remove contaminated clothing wash thoroughly with soap and water and rinse. If causes irritation after prolonged contact, if so seek medical advice.

5. FIRE-FIGHTING MEASURES

- 5.1 Extinguisher** Use CO₂, Foam or Powder extinguishers only.
DO NOT USE WATER JETS.
- 5.2 Special hazards** Avoid inhalation of smoke or fumes, may produce CO (carbon monoxide) and CO₂ (carbon dioxide).

6. ACCIDENTAL RELEASE MEASURES

- 6.1 Personal Safety Precautions** Avoid contact with skin and eyes. Wear safety gloves, clothing and glasses.
(Consult sections 7 & 8 for additional information)
- 6.2 Environmental Safety Precautions** Eliminate all sources of ignition.
Prevent any material entering drains or waterways
- 6.2 Methods and materials for containment and clean up** Absorb spills into an inert absorbent material
(e.g. proprietary oil drying granules or sand NOT sawdust or other flammable materials.)
Wash area clean with water and detergent.
Transfer all waste to an approved waste disposal container, observing national legislation.

7. HANDLING AND STORAGE

- 7.1 Handling Precautions** Only use in a well ventilated area. Observe good housekeeping procedures when handling the product. Do not eat, drink or smoke.
- 7.2 Storage Precautions** Product is stable at room temperature.
Keep away from sources of ignition.
Store in tightly sealed containers, in a cool dry place away from direct sunlight.
Prevent access by unauthorised personnel.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

- Ingredient comments:** No exposure limits known

8.2 Exposure controls

- Respiratory Protection:** Ensure adequate ventilation.
If ventilation is insufficient use approved respirators.
- Skin/Hand Protection:** Wear personal protective equipment. Use chemical resistant safety gloves.
Polyvinyl alcohol or nitrile rubber gloves are recommended.
- Eye/Face Protection:** Wear safety glasses/visors. Ensure eye washes are available.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

| | |
|---|------------------------------------|
| Appearance: | Viscous liquid, mobile when warmed |
| Colour: | Yellow to yellow / orange |
| Odour: | Pungent, sour, floral odour |
| Odour threshold: | No information available |
| pH: | No information available |
| Melting point: | No information available |
| Initial boiling point and range: | No information available |
| Flash point: | >61°C |
| Evaporation rate: | No information available |
| Evaporation factor: | No information available |
| Flammability (solid, gas): | No information available |
| Upper flammability or explosive limits: | No information available |
| Lower flammability or explosive limits: | No information available |
| Other flammability: | No information available |
| Vapour pressure: | No information available |
| Vapour density: | No information available |
| Relative density@ 20°C: | 0.848 - 0.880 |
| Bulk density: | No information available |
| Solubility(ies): | No information available |
| Partition coefficient: | No information available |
| Auto-ignition temperature: | No information available |
| Decomposition Temperature: | No information available |
| Viscosity: | No information available |
| Explosive properties: | No information available |
| Explosive under influence of a flame: | No information available |
| Oxidising properties: | No information available |

9.2. Other information

| | |
|-------------------------|---------------------------|
| Refractive index@ 20°C: | 1.458 -1.4700 |
| Particle size: | No information available. |
| Molecular weight: | No information available |

10. STABILITY AND REACTIVITY

| | |
|---|---|
| 10.1. Reactivity | There are no known reactivity hazards associated with this product. |
| 10.2. Chemical stability | Stable at normal ambient temperatures and when used as recommended. |
| 10.3. Possibility of hazardous reactions | Will not polymerise. |
| 10.4. Conditions to avoid | Keep away from any source of ignition. |
| 10.5. Incompatible materials | Avoid strong oxidisers, acids and alkalis. |
| 10.6. Hazardous decomposition products | Decomposition may release carbon dioxide, carbon monoxide and other organic compound fumes. |

11. TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

| | | |
|---------------------------------------|---------|---|
| Oral LD50: | 5.0g/Kg | This product is NOT intended for oral use. |
| Dermal LD50: | 5.0g/Kg | LD50 dosage levels are only a guideline obtained from historical data, Aroma Trading Ltd does not test its products on animals. |
| Skin corrosion/irritation: | | Causes skin irritation |
| Serious eye damage/irritation: | | Causes serious eye damage |
| Respiratory sensitisation: | | No information available |
| Skin sensitisation: | | May cause an allergic skin reaction |
| Germ cell mutagenicity: | | Suspected of causing genetic defect |
| Carcinogenicity: | | Suspected of causing cancer |

Information on hazard classes as defined in Regulation (EC) No 1272/2008 LD/LC50 values relevant for classification:

| | | |
|------------------|---------------------------|--|
| 106-22-9 | Citronellol | Oral, LD50: 3450 mg/kg (rat) Dermal, LD50: 2650 mg/kg (Rabbit) |
| 60-12-8 | Phenethyl alcohol | Oral, LD50: 2230 mg/kg (rat) Dermal, LD50: 790 mg/kg (Rabbit) |
| 5392-40-5 | Citral | Oral, LD50: 4960 mg/kg (rat) |
| 98-55-5 | p-menth-1-en-8-ol | Oral, LD50: 4300 mg/kg (rat) |
| 4602-84-0 | Farnesol | Oral, LD50: 20000 mg/kg (rat) Dermal, LD50: 15000 mg/kg (rat) |
| 93-15-2 | Methyl eugenol | Oral, LD50: 810 mg/kg (rat) (Beroza and al., 1975) |
| 64-17-5 | Ethyl alcohol | Oral, LD50: 7060 mg/kg (rat) Inhalative, LC50/4h: 20000 mg/l (rat) |
| 105-87-3 | Geranyl acetate | Oral, LD50: >4000 mg/kg (rat) (NTP 1987) |
| 78-70-6 | Linalool | Oral, LD50: 2790 mg/kg (rat) Dermal, LD50: 5610 mg/kg (Rabbit) |
| 97-53-0 | Eugenol | Oral, LD50: 1930 mg/kg (rat) |
| 87-44-5 | beta-Caryophyllene | Oral, LD50: > 5000 mg/kg (rat) (Hart and Wong 1971) |

11.2 Information on other hazards

| | |
|--|--------------------------|
| Endocrine disrupting properties : | No information available |
|--|--------------------------|

12. ECOLOGICAL INFORMATION

12.1 Toxicity

Aquatic toxicity:

93-15-2 Methyl eugenol CE50/48h: 38 mg/l (daphnia) (Ministry of the Environment of Japan 2018)
ErC50(0-72h): 22 mg/l (algae) (Ministry of the Environment of Japan 2018)
96h-LC50: 14 mg/l (fish) (Ministry of the Environment of Japan 2018)

78-70-6 Linalool LD50: 27,8 mg/l (fish) ((OECD 203) RIFM 1991)
ErC50(0-72h): 156,7 mg/l (algae)
ErC50(0-48h): 59 mg/l (daphnia) ((OECD 202)

12.2 Persistence and degradability

Harmful to aquatic life with long lasting effects

12.3 Bioaccumulative potential

Bioaccumulation is unlikely

1.4 Mobility in soil

No information available

12.5 Results of PBT and vPvB assessment

No information available

12.6 Endocrine disrupting properties

The product does not contain substances with endocrine disrupting properties.

13. DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Do not pour into drains or waterways.
Care must be used to prevent the product contaminating rivers, waterways or drains. Should this happen alert the relevant authorities in accordance with statutory procedures

Comply with local and national regulations for waste disposal.
Empty containers should be washed thoroughly with detergent before being sent for disposal.
Washings should be disposed of as waste.

14. TRANSPORT INFORMATION

Transport this product in compliance with and provision of, the ADR/RID for Road and Rail, IMDG for Sea and ICAO/IATA for Air transportation.

UN Shipping Name (N.O.S.): NON HAZARDOUS SUBSTANCE, LIQUID, N.O.S
ADR/RID (Road/Rail): Not restricted
IMDG-CODE (Sea): Not listed
ICAO/IATA (Air): Not regulated
UN Number:
Packing Group:
Subsidiary Risk:
Packing Instructions: Non-hazardous substance, transport in suitable container..

Labelling according to ADR/RID, IMDG/IMO and ICAO/IATA:

UN Shipping Name: NON HAZARDOUS SUBSTANCE, LIQUID

15. REGULATORY INFORMATION

Product Classification: ROSE OTTO OIL

This product is labelled according to the criteria of Directive CLP 1272/2008/EC.

Classification:



DANGER

Hazard Categories:

| | |
|------------------|---|
| ATD 5 | May be harmful in contact with skin |
| SCI 2 | Causes skin irritation |
| SS 1 | May cause an allergic skin reaction |
| EDI 1 | Causes serious eye damage |
| CAR 2 | Suspected of causing cancer |
| MUT 2 | Suspected of causing genetic defect |
| EH A2, C3 | Toxic to aquatic life Harmful to aquatic life with long lasting effects. |

16. ADDITIONAL INFORMATION

Legal disclaimer:

The information given on this material health and safety sheet is not a warranty as to the performance or suitability of the product. The information must be regarded only as a description of the health, safety and environmental requirements for that product. The information contained herein is true and accurate to the best of our knowledge and belief, but does not claim to be all inclusive.

Bay House Ingredients® & Soapmakers Store are Divisions Aroma Trading Ltd, Registered No. 02698381, V.A.T. Registration No. 600 516 981 and shall not be held liable for any damage resulting from handling or from contact with the product, since the conditions of use are out of our control. It is the responsibility of the user to take all necessary measures to comply with legal requirements and local regulations.