



**AMPHORA AROMATICS
LIMITED**

essential oils, skincare & aromatherapy products

SAFETY DATA SHEET

1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

PRODUCT NAME: **Rose Otto Absolute**

SUPPLIER: Amphora Aromatics Limited, Airfield House, Western Drive, Bristol, BS14 0AF

TELEPHONE: +44 (0)117-9087770.

PRODUCT NUMBER: **208**

CAS NUMBER: 90106-38-0 / 8007-01-0

EC NUMBER: 290-260-3

INCI: Rosa Damascena Flower Oil.

IDENTIFIED USES: Suitable for use in cosmetics, fragrances and professional applications only.

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

2: HAZARDS IDENTIFICATION

CLASSIFICATION OF THE SUBSTANCE OR MIXTURE

CAS: 90106-38-0 / 8007-01-0

EC: 290-260-3

CLASSIFICATION (EC 1272/2008):

- | | |
|--------------------------|--|
| - PHYSICAL HAZARDS: | Not classified. |
| - HEALTH HAZARDS: | Skin irritation, Category 2 (Skin Irrit. 2, H315). Skin sensitisation, Category 1B (Skin Sens. 1B, H317). Serious eye damage, Category 1 (Eye Dam. 1, H318). |
| - ENVIRONMENTAL HAZARDS: | Chronic hazard, Category 3 (Aquatic Chronic 3, H412) |

LABEL ELEMENTS

PICTOGRAM:



SIGNAL WORD:

DANGER

HAZARD STATEMENTS:

H315 Causes skin irritation.
H317 May cause an allergic skin reaction.
H318 Causes serious eye damage.
H412 Harmful to aquatic life with long lasting effects.

PRECAUTIONARY STATEMENTS:

P273 Avoid release to the environment.
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P302 + P352 IF ON SKIN: Wash with plenty of soap and water.
P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.



**AMPHORA AROMATICS
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| | |
|--------------------------------------|--|
| CONTAINS: | P310 Immediately call a POISON CENTER or doctor/physician. |
| PBT OR vPvB ACCORDING TO ANNEX XIII: | P333 + P313 If skin irritation or rash occurs: Get medical advice/attention. |
| ADVERSE PHYSIO-CHEMICAL PROPERTIES: | P501 Dispose of contents in accordance with local, state or national legislation. |
| ADVERSE EFFECTS ON HUMAN HEALTH: | Geraniol The mixture satisfies neither the PBT nor the vPvB criteria for mixtures in accordance with annexe XIII of the REACH regulations EC 1907/2006. The mixture does not contain any substances classified as 'Substances of Very High Concern' (SVHC) by the European Chemicals Agency (ECHA) under article 57 of REACH: http://echa.europa.eu/fr/candidate-list-table . No additional data available. |

3: COMPOSITION/INFORMATION ON INGREDIENTS

≤48.2% Citronellol

CAS NUMBER: 106-22-9

EC NUMBER: 203-375-0

CLASSIFICATION (EC 1272/2008):

Skin Irrit. 2 - H315

Eye Irrit. 2 - H319

Skin Sens. 1B - H317

≤22.9% Geraniol

CAS NUMBER: 106-24-1

EC NUMBER: 203-377-1

CLASSIFICATION (EC 1272/2008):

Skin Irrit. 2 - H315

Eye Dam. 1 - H318

Skin Sens. 1 - H317

2.5 - 10% Nerol

CAS NUMBER: 106-25-2

EC NUMBER: 203-378-7

CLASSIFICATION (EC 1272/2008):

Skin Irrit. 2 - H315

Eye Irrit. 2 - H319

Skin Sens. 1 - H317

≤10.0% Phenyl Ethyl Alcohol

CAS NUMBER: 60-12-8

EC NUMBER: 200-456-2

CLASSIFICATION (EC 1272/2008):

Acute Tox. 4, H302

Eye Irrit. 2, H319

≤2.0% Heptadecane

CAS-No: 629-78-7

EC Number: 211-108-4

CLASSIFICATION (EC 1272/2008):

Asp. Tox. 1, H304

≤1.9% alpha- Pinene

CAS NUMBER: 80-56-8

EC NUMBER: 201-291-9

CLASSIFICATION (EC 1272/2008):

Flam. Liq. 3 H226

Acute Tox. 4, H302

Asp. Tox. 1, H304

Skin Irrit. 2, H315

Skin Sens. 1, H317

Aquatic Acute 1, H400

Aquatic Chronic 1, H410



**AMPHORA AROMATICS
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≤1.5% Citral

CAS NUMBER: 5392-40-5

CLASSIFICATION (EC 1272/2008):

EC NUMBER: 226-394-6

Skin Irrit. 2 H315

Skin Sens. 1 H317

≤1.1% Linalool

CAS NUMBER: 78-70-6

CLASSIFICATION (EC 1272/2008):

EC NUMBER: 201-134-4

Skin Irrit. 2 - H315

Skin Sens. 1B - H317

Eye Irrit. 2 - H319

≤1.0% Eugenol

CAS NUMBER: 97-53-0

CLASSIFICATION (EC 1272/2008):

EC NUMBER: 202-589-1

Eye Irrit. 2 - H319

Skin Sens. 1B - H317

≤0.8% Farnesol

CAS NUMBER: 4602-84-0

CLASSIFICATION (EC 1272/2008):

EC NUMBER: 225-004-1

Skin Irrit. 2, H315

Skin Sens. 1, H317

Eye Irrit. 2, H319

≤0.5% d-Limonene

CAS NUMBER: 5989-27-5

CLASSIFICATION (EC 1272/2008):

EC NUMBER: 227-813-5

Flam. Liq. 3, H226

Asp. Tox. 1, H304

Skin Irrit. 2, H315

Skin Sens. 1, H317

Aquatic Acute 1, H400

Aquatic Chronic 1 H410

≤ 0.3% Methyl Eugenol

CAS NUMBER: 93-15-2

CLASSIFICATION (EC 1272/2008):

EC NUMBER: 202-223-0

Acute Tox. 4 - H302

Muta. 2 - H341

Carc. 2 - H351

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

4: FIRST AID MEASURES

INHALATION:

Remove from exposure area to fresh air. Get medical advice/attention.

INGESTION:

Do not induce vomiting. Ingestion may cause nausea and vomiting.

Immediately rinse mouth and provide fresh air. Get medical advice/attention.

SKIN CONTACT:

Remove contaminated clothing immediately and wash skin with soap and water. Get medical advice/attention if any discomfort continues.

EYE CONTACT:

Immediately flush with plenty of water for up to 15 minutes. Remove any contact lenses and open eyes wide apart. Get medical advice/attention. Continue to rinse.



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LIMITED**

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5: FIREFIGHTING MEASURES

EXTINGUISHING MEDIA RECOMMENDED: Carbon dioxide, dry chemical, foam.
 UNSUITABLE EXTINGUISHING MEDIA: Do not use water jet as an extinguisher, as this may scatter and spread fire.
 SPECIAL HAZARDS ARISING FROM THE PRODUCT: A fire will often produce a thick black smoke. Exposure to decomposition products may be hazardous to health. Do not breathe in smoke.
 In the event of a fire, the following may be formed: carbon monoxide (CO) & carbon dioxide (CO₂)
 ADVICE FOR FIREFIGHTERS: No additional data.

6: ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS:
 - FOR NON-FIRST AID WORKER Avoid any contact with the skin and eyes.
 - FOR FIRST AID WORKER First aid workers will be equipped with suitable personal protective equipment (See section 8).
ENVIRONMENT PRECAUTIONS: Contain and control the leaks or spills with non-combustible absorbent materials such as sand, earth, vermiculite, diatomaceous earth in drums for waste disposal. Do not discharge into drains, water courses or onto the ground.
CLEANING UP METHODS FOR SPILLAGES: Cover liquid spill with sand, earth or other non-combustible absorbent material. Sweep up and shovel into suitable containers for disposal. Clean preferably with a detergent, do not use solvents.

7: HANDLING AND STORAGE

PRECAUTIONS FOR SAFE HANDLING: Requirements relating to storage premises apply to all facilities where the mixture is handled. Individuals with a history of skin sensitisation should not, under any circumstance, handle this mixture. Always wash hands after handling. Remove and wash contaminated clothing before re-using. Emergency showers and eye wash stations will be required in facilities where the mixture is handled constantly.
OCCUPATIONAL HYGIENE: Do not eat, drink or smoke when using this product. Provide eyewash station and safety shower.
STORAGE PRECAUTIONS: Keep container tightly closed in a dry and well-ventilated place. Always keep in packaging made of an identical material to the original.

8: EXPOSURE CONTROLS/PERSONAL PROTECTION

CONTROL PARAMETERS:

OCCUPATION EXPOSURE LIMITS:

| ACGIH TLV (AMERICAN CONFERENCE OF GOVERNMENTAL INDUSTRIAL HYGIENISTS, THRESHOLD LIMIT VALUES, 2010): | | | | | |
|---|-------------|------|---------|--------------|----------|
| CAS | TWA | STEL | CEILING | DEFINITION | CRITERIA |
| 80-56-8 | 20ppm | - | - | SEN A4 | - |
| 5392-40-5 | 5 (IFV) ppm | - | - | Skin: SEN A4 | - |

| GERMANY | | | | |
|--|-----|--------------------------|--------|-------|
| AGW (BAuA – TRGS 900, 21/06/2010) | | | | |
| CAS | VME | VME | Excess | Notes |
| 5989-27-5 | - | 5ppm 28mg/m ³ | - | 4(II) |



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PROTECTIVE EQUIPMENT:



PROCESS CONDITIONS:

Use personal protective equipment that is clean and has been properly maintained. Store personal protective equipment in a clean place, away from the work area. Never eat, drink or smoke during use. Remove and wash contaminated clothing before re-using. Ensure that there is adequate ventilation, especially in confined areas.

ENGINEERING MEASURES:

Ensure adequate ventilation, especially in confined areas.

RESPIRATORY EQUIPMENT:

If ventilation is insufficient, respiratory protection must be worn.

HAND PROTECTION:

Use suitable protective gloves that are resistant to chemical agents in accordance with standard EN374. Gloves must be selected according to the application and duration of use at the workstation. Protective gloves need to be selected according to their suitability for the workstation in question: other chemical products that may be handled, necessary physical protections (cutting, pricking, heat protection), level of dexterity required.

EYE PROTECTION:

Avoid contact with eyes. Use eye protectors designed to protect against liquid splashes. Before handling, wear safety goggles with protective sides in accordance with standard EN166. In the event of high danger, protect the face with a face shield. Prescription glasses are not considered as protection. Individuals wearing contact lenses should wear prescription glasses during work where they may be exposed to irritant vapours. Provide eyewash stations in facilities where the product is handled constantly.

OTHER PROTECTION:

Wear appropriate clothing to prevent any possibility of skin contact.

HYGIENE MEASURES:

Good personal hygiene practices are always advisable, especially when working with chemicals / oils.

PERSONAL PROTECTION:

Avoid inhalation and contact with skin and eyes.

SKIN PROTECTION:

Avoid skin contact. Wear suitable protective clothing. Suitable type of protective clothing: In the event of substantial spatter, wear liquid-tight protective clothing against chemical risks (type 3) in accordance with EN14605 to prevent skin contact. In the event of a risk of splashing, wear protective clothing against chemical risks (type 6) in accordance with EN13034 to prevent skin contact. Work clothing worn by personnel shall be laundered regularly. After contact with the product, all parts of the body that have been soiled must be washed.

ENVIRONMENTAL EXPOSURE CONTROLS:

Avoid discharging into drainage water. Only eliminate by authorised companies.



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9: PHYSICAL AND CHEMICAL PROPERTIES

| | |
|---------------------------------|-------------------------------|
| APPEARANCE: | Liquid |
| COLOUR: | Colourless to pale yellow. |
| ODOUR: | Characteristic |
| FLASH POINT °C: | >81 |
| SPECIFIC GRAVITY @ 20°C: | Approx. 0.875 |
| REFRACTIVE INDEX @ 20°C: | Approx. 1.465 |
| MELTING POINT (°C): | No additional data available. |
| BOILING POINT (°C): | No additional data available. |
| VAPOUR PRESSURE: | No additional data available. |
| SOLUBILITY IN WATER @20°C: | Insoluble in water. |
| AUTO-IGNITION TEMPERATURE (°C): | No additional data available. |

10: STABILITY AND REACTIVITY

| | |
|----------------------------------|--|
| REACTIVITY: | No additional data available. |
| HAZARDOUS DECOMPOSITION PRODUCTS | The thermal decomposition may release/form: carbon monoxide (CO) and carbon dioxide (CO ₂) |
| CHEMICAL STABILITY | Stable under the recommended handling and storage conditions. . |
| POSSIBLE HAZARDOUS REACTIONS | No additional data available. |
| CONDITIONS TO AVOID | No additional data available. |
| INCOMPATIBLE MATERIALS | No additional data available. |

11: TOXICOLOGICAL INFORMATION

| | |
|-----------------------------------|---|
| ACUTE TOXICITY | Not classified. |
| SKIN CORROSION / IRRITATION | Causes skin irritation. May cause irreversible damage to the skin; namely inflammation of the skin or the formation of erythema and eschar or oedema following exposure up to four hours. |
| SERIOUS EYE DAMAGE / IRRITATION | Causes serious eye damage. May have irreversible effects on the eyes, such as tissue damage in the eye, or serious physical decay of sight, which is not fully reversible by the end of observation at 21 days. Serious eye damage is typified by the destruction of cornea, persistent corneal opacity and iritis. |
| RESPIRATORY OR SKIN SENSITISATION | May cause an allergic skin reaction. |
| GERM CELL MUTAGENICITY | Not classified. However, product contains a substance suspected of causing genetic defects. |
| CARCINOGENICITY | Not classified. However, product contains a substance suspected of causing cancer. |
| REPRODUCTIVE TOXICITY | Not classified. |
| STOT-SINGLE EXPOSURE | Not classified. |
| STOT-REPEATED EXPOSURE | Not classified. |
| ASPIRATION HAZARD | Not classified. |
| PHOTO-TOXICITY | No additional data available. |
| OTHER INFORMATION | No additional data available. |



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12: ECOLOGICAL INFORMATION

| | |
|-------------------------------------|---|
| ECOTOXICITY: | Harmful to aquatic life with long lasting effects. |
| PERSISTENCE AND DEGRADABILITY: | No additional data available. |
| BIOACCUMULATIVE POTENTIAL: | No additional data available. |
| MOBILITY IN SOIL: | No additional data available. |
| RESULTS OF PBT AND VPVB ASSESSMENT: | No additional data available |
| PRECAUTIONS: | Do not allow product to enter streams, sewers or other waterways. |

13: DISPOSAL CONSIDERATIONS

| | |
|-------------------|--|
| DISPOSAL METHODS: | Proper waste management of the mixture and/or its container must be determined in accordance with Directive 2008/98/EC. |
| | Waste treatment methods Do not pour into drains or waterways. |
| | Waste: Waste management is carried out without endangering human health, without harming the environment and, in particular without risk to water, air, soil, plants or animals. Recycle or dispose of waste in compliance with current legislation, preferably via a certified collector or company. Do not contaminate the ground or water with waste, do not dispose of waste into the environment. |
| | Soiled packaging: Empty container completely. Keep label(s) on container. Give to a certified disposal contractor |

14: TRANSPORT INFORMATION

| | |
|--|--|
| UN No.: | Not regulated for transport. |
| PROPER SHIPPING NAME: | Not applicable. |
| TRANSPORT HAZARD CLASS(ES): | Not applicable. |
| PACKING GROUP: | Not applicable. |
| ENVIRONMENTAL HAZARDS: | Not classified as an environmentally hazardous substance/marine pollutant for transport. |
| TRANSPORT IN BULK ACCORDING TO ANNEX II OF MARPOL73/78 AND THE IBC CODE: | No additional data available |



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15: REGULATORY INFORMATION

| | |
|------------------------|---|
| STATUTORY INSTRUMENTS: | The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (S.I 2009 No. 716). |
| EU LEGISLATION: | Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, including amendments. |
| GUIDANCE: | Workplace Exposure Limits EH40. CHIP for everyone HSG(108). |

16: OTHER INFORMATION

Hazard and/or Precautionary Statements in Full

- H226 Flammable liquid and vapour.
- H302 Harmful if swallowed.
- H304 May be fatal if swallowed and enters airways.
- H315 Causes skin irritation.
- H317 May cause an allergic skin reaction.
- H318 Causes serious eye damage.
- H319 Causes serious eye irritation.
- H341 Suspected of causing genetic defects.
- H351 Suspected of causing cancer.
- H400 Very toxic to aquatic life.
- H410 Very toxic to aquatic life with long lasting effects.
- H412 Harmful to aquatic life with long lasting effects.

Q.C. REQUIREMENTS.

In-line with general product specification. Always satisfy suitability for specific application.
Retest after 6 months.

The data provided in this material safety data sheet is meant to represent typical data/analysis for this product and is correct to the best of our knowledge. The data was obtained from current and reliable sources, but is supplied without warranty, expressed or implied, regarding its' correctness or accuracy. It is the user's responsibility to determine safe conditions for the use of this product, and to assume liability for loss, injury, damage or expense arising from improper use of this product. The information provided does not constitute a contract to supply to any specification, or for any given application, and buyers should seek to verify their requirements and product use.