



## MATERIAL SAFETY DATA SHEET (MSDS)

According to UN GHS (Latest Edition)

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### SECTION 1: IDENTIFICATION

Product Name: Rose Oil (Bulgarian)

Botanical Name: *Rosa damascena*

CAS Number: 90106-38-0

Contains (naturally occurring):

Eugenyl methyl ether, Geraniol, Nerol, Citronellol

Recommended Use:

Fragrance ingredient (professional use)

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Supplier:

AROMOLOGY TRADING LLC

G15 Union Coop Mall

Nadd Al Hamar

Dubai, United Arab Emirates

Email: [info@aromology.com](mailto:info@aromology.com)

Website: [www.aromology.com](http://www.aromology.com)

Emergency Contact:

Local emergency services / Poison Control

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### SECTION 2: HAZARD IDENTIFICATION

GHS Classification

- Flammable Liquid – Category 3
- Skin Irritation – Category 2
- Serious Eye Damage – Category 1
- Aquatic Toxicity – Category 2

Signal Word:

DANGER



## Hazard Statements

- H226: Flammable liquid and vapour
  - H315: Causes skin irritation
  - H318: Causes serious eye damage
  - H401: Toxic to aquatic life
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## Precautionary Statements

### Prevention

- P210 – Keep away from heat, sparks, open flames
- P233 – Keep container tightly closed
- P240 – Ground/bond container
- P241 – Use explosion-proof equipment
- P242 – Use non-sparking tools
- P243 – Prevent static discharge
- P264 – Wash hands after handling
- P273 – Avoid environmental release
- P280 – Wear protective gloves/eye protection

### Response

- P303 + P361 + P353 – IF ON SKIN: Remove contaminated clothing and rinse
- P305 + P351 + P338 – IF IN EYES: Rinse cautiously with water
- P310 – Immediately call a physician
- P332 + P313 – If irritation occurs: seek medical advice
- P362 – Remove contaminated clothing

### Fire

- P370 + P378 – Use CO<sub>2</sub>, dry chemical, foam

### Storage & Disposal

- P403 + P235 – Store in well-ventilated place



- P501 – Dispose according to regulations

Other Hazards: None identified

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### SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

Component	CAS	Concentration
Rosa damascena oil	90106-38-0	100%

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### SECTION 4: FIRST AID MEASURES

Inhalation:

Remove to fresh air and rest.

Eye Contact:

Rinse cautiously with water for several minutes.

Skin Contact:

Remove contaminated clothing and wash skin thoroughly.

Ingestion:

Rinse mouth and seek medical attention.

Key Symptoms:

- Skin irritation
  - Serious eye damage
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### SECTION 5: FIRE-FIGHTING MEASURES

Extinguishing Media:

CO<sub>2</sub>, dry chemical, foam

Hazards:

Releases carbon monoxide and organic compounds when burned

Protection:

Wear respiratory protection

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### SECTION 6: ACCIDENTAL RELEASE MEASURES



- Avoid inhalation and skin contact
  - Ventilate area
  - Absorb with inert material (sand, powder)
  - Prevent contamination of water systems
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## SECTION 7: HANDLING AND STORAGE

### Handling:

- Avoid heat and ignition sources
- Use non-sparking tools
- Follow good industrial hygiene practices

### Storage:

- Store in tightly closed containers
  - Keep cool and well ventilated
  - Prevent static discharge
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## SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Limits: Not applicable

### PPE:

- Protective gloves
- Eye/face protection
- Protective clothing

### Respiratory Protection:

Required in high exposure conditions

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## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES



Property	Value
Flash Point	51 °C
Explosion Hazard	Not expected
Oxidising Properties	Not expected
Appearance	Not specified
Odour	Not specified

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#### SECTION 10: STABILITY AND REACTIVITY

- Stable under normal conditions
  - Avoid extreme heat
  - Avoid strong acids, alkalis, oxidising agents
  - No hazardous reactions expected
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#### SECTION 11: TOXICOLOGICAL INFORMATION

##### Acute Toxicity:

- Oral ATE: 4669
- Dermal ATE: >5000

##### Effects:

- Skin irritation
- Eye damage

##### No classification for:

- Carcinogenicity
  - Mutagenicity
  - Reproductive toxicity
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Key Constituents Toxicology (from page 6 table)



AROM OLOGY

- Eugenol: LD50 2300 mg/kg
  - Geraniol: LD50 3600 mg/kg
  - Linalool: LD50 2790 mg/kg
  - Citronellol: LD50 3450 mg/kg
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#### SECTION 12: ECOLOGICAL INFORMATION

- Toxic to aquatic life
  - No further data available on persistence or bioaccumulation
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#### SECTION 13: DISPOSAL CONSIDERATIONS

Dispose according to local regulations.  
Avoid discharge into environment.

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#### SECTION 14: TRANSPORT INFORMATION

UN Number: UN 1197  
Proper Shipping Name: Extracts, Liquid  
Class: 3  
Packing Group: III  
Environmental Hazard: Not classified for transport

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#### SECTION 15: REGULATORY INFORMATION

No additional regulatory requirements specified.

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#### SECTION 16: OTHER INFORMATION

This MSDS is based on supplier documentation and is believed to be accurate at the time of preparation.  
No warranty is expressed or implied.