



## **MATERIAL SAFETY DATA SHEET (MSDS)**

According to UN GHS (Latest Edition)

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### SECTION 1: IDENTIFICATION

Product Name: Galbanum Oil (Turkey)

CAS (mixture): Not assigned (natural mixture)

Contains (major components):

Alpha-pinene, Beta-pinene, Delta-3-carene, Limonene

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
- Skin Sensitisation – Category 1B
- Aspiration Hazard – Category 1
- Aquatic Chronic Toxicity – Category 1

Signal Word:

**DANGER**



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## Hazard Statements

- H226: Flammable liquid and vapour
- H304: May be fatal if swallowed and enters airways
- H315: Causes skin irritation
- H317: May cause an allergic skin reaction
- H410: Very toxic to aquatic life with long lasting effects

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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
- P261 – Avoid breathing vapours
- P264 – Wash thoroughly after handling
- P272 – Contaminated clothing should not leave workplace
- P273 – Avoid environmental release
- P280 – Wear protective gloves / eye protection

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## Response

- P301 + P310 – IF SWALLOWED: Immediately call POISON CENTER
- P331 – Do NOT induce vomiting
- P303 + P361 + P353 – IF ON SKIN: Remove contaminated clothing and rinse
- P333 + P313 – If skin irritation or rash occurs: Seek medical advice



- P362 – Remove contaminated clothing
  - P370 + P378 – Use CO<sub>2</sub>, foam, dry chemical in case of fire
  - P391 – Collect spillage
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#### Storage & Disposal

- P403 + P235 – Store in well-ventilated place
  - P405 – Store locked up
  - P501 – Dispose according to regulations
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### SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

Key Components (from page 3 composition table)

Component	CAS	%
Beta-pinene	127-91-3	~54%
Delta-3-carene	13466-78-9	~13%
Alpha-pinene	80-56-8	~10%
Myrcene	123-35-3	~3%
Cis-beta-ocimene	3338-55-4	~2.3%
Limonene	138-86-3	~1.8%

Minor components include Terpinolene, Camphene, and others.

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### SECTION 4: FIRST AID MEASURES

#### Inhalation:

Remove to fresh air and seek medical attention.

#### Eye Contact:

Flush immediately with water for at least 15 minutes.

#### Skin Contact:

Remove contaminated clothing and rinse skin thoroughly.



Ingestion:

Immediately call poison center. Do NOT induce vomiting.

Key Symptoms:

- Aspiration hazard
- Skin irritation
- Allergic reaction

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## SECTION 5: FIRE-FIGHTING MEASURES

Extinguishing Media:

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

Hazards:

May release carbon monoxide and organic compounds

Protection:

Use respiratory protection

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## SECTION 6: ACCIDENTAL RELEASE MEASURES

- Remove ignition sources
- Ensure ventilation
- Absorb with inert material
- Prevent environmental contamination

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## SECTION 7: HANDLING AND STORAGE

Handling:

Avoid inhalation and contact with skin/eyes. Use non-sparking tools.

Storage:

Store in cool, well-ventilated place. Keep tightly closed. Prevent static discharge.

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## SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Limits: Not applicable



PPE:

- Gloves
- Eye protection
- Protective clothing

Respiratory Protection:

Use respirator under high exposure conditions

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## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Property	Value
Flash Point	42.8 °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 heat and oxidising agents
  - No hazardous reactions expected
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## SECTION 11: TOXICOLOGICAL INFORMATION

Acute Toxicity:

- Oral ATE: 5000

Effects:

- Skin irritation
- Skin sensitisation



- Aspiration hazard (critical risk)
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#### Key Toxicology Data (page 6)

- Alpha-pinene LD50: 3500 mg/kg
  - Delta-3-carene LD50: 4800 mg/kg
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#### SECTION 12: ECOLOGICAL INFORMATION

- Very toxic to aquatic life with long lasting effects
  - No data available on biodegradation or mobility
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#### SECTION 13: DISPOSAL CONSIDERATIONS

Dispose according to local regulations.  
Avoid release into environment or drainage systems.

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#### SECTION 14: TRANSPORT INFORMATION

UN Number: UN 1197

Proper Shipping Name: Extracts, Liquid

Class: 3

Packing Group: III

Environmental Hazard:

✓ Classified as Marine Pollutant

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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 expressed or implied.