



MATERIAL SAFETY DATA SHEET (MSDS)

Petitgrain Absolute

SECTION 1: IDENTIFICATION OF THE SUBSTANCE AND COMPANY

Product Name:

Petitgrain Absolute

Botanical Source:

Citrus aurantium var. *amara*

INCI Name:

Citrus Aurantium Var. Amara (Petitgrain) Flower Extract

Recommended Use:

Aromatherapy, natural perfumery, fragrance applications.

For professional use only. Do not ingest.

Company:

Aromology

G15 Union Coop Mall

Nadd Al Hamar

Dubai, UAE

Telephone: +971 505 197 601

Website: www.aromology.com

Emergency Telephone Number:

+971 505 197 601

SECTION 2: HAZARD IDENTIFICATION

GHS Classification

- Skin Corrosion / Irritation – Category 2
- Serious Eye Irritation – Category 2A
- Skin Sensitisation – Category 1

Signal Word:

Warning

Hazard Statements:

- H315 – Causes skin irritation



- H319 – Causes serious eye irritation
- H317 – May cause an allergic skin reaction

Precautionary Statements:

- P102 Keep out of reach of children
- P264 Wash hands thoroughly after handling
- P280 Wear protective gloves/protective clothing/eye protection
- P261 Avoid breathing vapours or mist
- P272 Contaminated work clothing should not leave the workplace
- P302+P352 IF ON SKIN: Wash with plenty of soap and water
- P362+P364 Remove contaminated clothing and wash before reuse
- P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes
- P337+P313 If eye irritation persists: Seek medical advice
- P333+P313 If skin irritation or rash occurs: Get medical advice
- P501 Dispose of contents/container in accordance with regulations

Other Hazards:

May cause skin irritation or allergic reaction. Patch test recommended.

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Characterisation:

Natural aromatic absolute.

Component	CAS No.	Approx. %
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Petitgrain Absolute	814-17-3 / 272968-50-4	100%
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Naturally Occurring EU Allergens:

- Linalool: 20.01 – 50.00%
- Geraniol: 1.01 – 5.00%
- Limonene: 0.10 – 1.00%



SECTION 4: FIRST-AID MEASURES

Eye Contact:

Remove contact lenses if present. Flush eyes with water for at least 15 minutes. Seek medical attention if symptoms persist.

Skin Contact:

Wash with soap and water. If irritation develops or persists, consult a physician.

Inhalation:

Not expected under normal conditions. If symptoms occur, move to fresh air and obtain medical advice.

Ingestion:

Not an expected route of exposure. If swallowed in small quantities, rinse mouth with milk or water. Do NOT induce vomiting. Seek immediate medical attention.

Most Important Symptoms:

- Eye irritation and possible corneal damage if not promptly rinsed
- Repeated skin contact may cause allergic dermatitis
- High vapour concentrations may cause anesthetic effects

SECTION 5: FIRE-FIGHTING MEASURES

Flash Point:

100 °C

Suitable Extinguishing Media:

Water mist, alcohol-resistant foam, multipurpose ABC powder, BC powder, carbon dioxide (CO₂).

Unsuitable Media:

Direct water jet.

Protective Equipment:

Self-contained breathing apparatus and protective clothing.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal Precautions:

Stop leak if safe to do so. Avoid contact with skin and eyes. Wear appropriate PPE.



Environmental Precautions:

Prevent release into drains, sewage systems, or waterways. Inform authorities if contamination occurs.

Cleanup Methods:

Absorb with non-combustible material (sand, earth, vermiculite, diatomaceous earth). Transfer to suitable containers for disposal.

SECTION 7: HANDLING AND STORAGE

Handling:

Use good industrial hygiene practices. Avoid inhalation and contact with eyes or skin. Wash hands after handling. Ensure adequate ventilation.

Storage:

Store in tightly closed glass containers away from heat, light, and ignition sources. Store in a cool area.

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Limits:

No occupational exposure limits established (OSHA, ACGIH, NOHSC).

Personal Protective Equipment:

- Eyes: Safety goggles (EN166)
 - Hands: Nitrile or PVA gloves (EN374)
 - Skin: Protective clothing
 - Respiratory: Not normally required under adequate ventilation
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SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

- Physical State: Mobile liquid
- Colour: Brown-green
- Odour: Deep, complex, green with citrus and orange blossom notes
- Water Solubility: Insoluble
- Alcohol Solubility: Soluble
- Essential Oil Solubility: Soluble



- Flash Point: 100 °C
 - Refractive Index (20 °C): 1.463 – 1.473
 - Specific Gravity (20 °C): 0.900 – 0.918
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SECTION 10: STABILITY AND REACTIVITY

Reactivity:

Not reactive.

Stability:

Stable under recommended handling and storage conditions.

Conditions to Avoid:

Heat, open flames, direct sunlight.

Incompatible Materials:

Alkali metals, ammonia, oxidising agents, peroxides, strong inorganic acids.

Hazardous Decomposition Products:

Carbon monoxide (CO), carbon dioxide (CO₂), fumes at elevated temperatures.

SECTION 11: TOXICOLOGICAL INFORMATION

Acute Toxicity:

No data available.

Skin:

May cause irritation and allergic dermatitis with repeated exposure.

Eyes:

May cause irritation if not promptly rinsed.

Inhalation:

High vapour concentrations may cause anesthetic effects.

Carcinogenicity:

Not classified by IARC, NTP, OSHA, or ACGIH.

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity:

No specific data available.

Persistence & Degradability:

Biodegradation expected.



Bioaccumulation:
Unlikely.

Environmental Precautions:
Avoid release into waterways or marine environments.

SECTION 13: DISPOSAL CONSIDERATIONS

Do not pour into drains or waterways.
Dispose of contents and containers in accordance with local and national regulations.
Use certified waste disposal services where required.

SECTION 14: TRANSPORT INFORMATION

Not regulated for transport.

- UN Number: Not regulated
 - Transport Class: Not regulated
 - Packing Group: Not applicable
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SECTION 15: REGULATORY INFORMATION

- EU: See fragrance allergens listed in Section 3
 - USA: Not regulated at federal or state level
 - California Prop 65: Does not contain listed substances
 - Canada, Singapore, Hong Kong: Not regulated
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SECTION 16: OTHER INFORMATION

This MSDS provides guidance for safe handling, storage, and disposal based on current knowledge and standard industry practice.