



MATERIAL SAFETY DATA SHEET (MSDS)

According to UN GHS

SECTION 1: IDENTIFICATION

Product Name: Balsam of Peru Oil

Botanical Name: *Myroxylon pereirae*

INCI Name: Myroxylon Pereirae Oil

Recommended Use:

Aromatherapy, natural perfumery.

Restriction: Do not ingest.

Supplier:

AROMOLOGY TRADING LLC

G15 Union Coop Mall

Nadd Al Hamar

Dubai, United Arab Emirates

Email: info@aromology.com

Website: www.aromology.com

Emergency Contact:

Local emergency services / Poison Control as per national regulations.

SECTION 2: HAZARD IDENTIFICATION

GHS Classification

- Skin Sensitization – Category 1A
- Serious Eye Damage – Category 1
- Specific Target Organ Toxicity (Repeated Exposure) – Category 2
- Aquatic Acute – Category 1
- Aquatic Chronic – Category 2

Signal Word:

DANGER

Hazard Statements

- H317 – May cause an allergic skin reaction
- H318 – Causes serious eye damage



- H373 – May cause damage to organs through prolonged or repeated exposure
- H400 – Very toxic to aquatic life
- H411 – Very toxic to aquatic life with long lasting effects

Precautionary Statements

- P102 – Keep out of reach of children
- P272 – Contaminated work clothing should not be allowed out of workplace
- P280 – Wear protective gloves / protective clothing / eye / face protection
- P302 + P352 – IF ON SKIN: Wash with plenty of water/soap
- P333 + P313 – If skin irritation or rash occurs: Get medical advice
- P362 + P364 – Remove contaminated clothing and wash before reuse
- P305 + P351 + P338 – IF IN EYES: Rinse cautiously with water for several minutes
- P310 – Immediately call a POISON CENTER / physician
- P260 – Do not breathe vapors/spray
- P314 – Get medical advice if unwell
- P273 – Avoid release to the environment
- P391 – Collect spillage
- P501 – Dispose of contents/container to approved waste disposal facility

Other Hazards:

May cause skin irritation/allergy. Patch test recommended.

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

Substance: Balsam of Peru Oil

CAS: 8007-00-9

EC: 232-352-8

Concentration: 100 %

EU Allergens (Naturally Occurring)

Substance	CAS	Max %
Benzaldehyde	100-52-7	0.03 %
Benzyl Alcohol	100-51-6	0.70 %



Substance	CAS	Max %
Benzyl Benzoate	120-51-4	≤ 55.00 %
Benzyl Cinnamate	103-41-3	≤ 31.00 %
Coumarin	91-64-5	0.06 %
Eugenol	97-53-0	0.05 %
Vanillin	121-33-5	0.56 %

California Prop 65 Component

Substance	CAS	Max %
Styrene	100-42-5	≤ 0.10 %

SECTION 4: FIRST AID MEASURES

Eye Contact:

Flush with water for 15 minutes. Seek medical attention if symptoms persist.

Skin Contact:

Wash with soap and water. If irritation continues, consult a doctor.

Inhalation:

Move to fresh air. Obtain medical advice if symptoms occur.

Ingestion:

Rinse mouth with milk or water. Do NOT induce vomiting. Seek immediate medical attention.

Most Important Symptoms:

- Eye irritation or corneal damage if not rinsed
- Allergic dermatitis with repeated contact
- High vapor exposure may cause anesthetic effects

SECTION 5: FIRE-FIGHTING MEASURES

Flash Point: 100 °C

Suitable Extinguishing Media:

Water mist, alcohol-resistant foam, ABC powder, CO₂



Unsuitable Media:

Water jet

Protective Equipment:

Self-contained breathing apparatus and protective clothing.

SECTION 6: ACCIDENTAL RELEASE MEASURES

- Stop leak if safe.
- Absorb with sand, earth, vermiculite, or diatomaceous earth.
- Prevent entry into sewage or waterways.
- Collect in suitable containers for disposal.

SECTION 7: HANDLING AND STORAGE

Handling:

Use good industrial hygiene. Avoid inhalation and skin contact. Ensure adequate ventilation.

Storage:

Store in closed glass containers away from heat, light, and ignition sources.

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Limits: None established.

PPE:

- Safety goggles (EN166)
- Nitrile or PVA gloves (EN374)
- Protective clothing
- Adequate ventilation

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Property	Description
Physical State	Transparent liquid (may crystallize)
Color	Pale yellow to brown



Property	Description
Odor	Sweet, vanilla-like, balsamic
Flash Point	100 °C
Refractive Index @20°C	1.550 – 1.576
Specific Gravity @20°C	1.100 – 1.130
Water Solubility	Insoluble

SECTION 10: STABILITY AND REACTIVITY

Stable under recommended conditions.

Avoid strong oxidizers, peroxides, alkali metals, ammonia, strong inorganic acids.

Thermal decomposition may release CO and CO₂.

SECTION 11: TOXICOLOGICAL INFORMATION

Acute Toxicity:

- Benzoic Acid LD50 (oral) = 1700 mg/kg
- Benzyl Cinnamate LD50 (oral) = 3280 mg/kg

May cause:

- Skin irritation
- Eye irritation
- Allergic dermatitis
- Respiratory irritation from high vapor exposure

No components ≥0.1% classified as carcinogenic by IARC, ACGIH, NTP, OSHA.

SECTION 12: ECOLOGICAL INFORMATION

- Very toxic to aquatic life
- Biodegradation expected
- Bioaccumulation unlikely
- Avoid marine release



SECTION 13: DISPOSAL CONSIDERATIONS

Dispose in accordance with Directive 2008/98/EC and local regulations.
Do not pour into drains or waterways.

SECTION 14: TRANSPORT INFORMATION

UN Number: UN 3083
Proper Shipping Name: Environmentally hazardous substance, liquid, n.o.s. (Benzyl benzoate)
Class: 9
Packing Group: III
Environmental Hazard: Yes

SECTION 15: REGULATORY INFORMATION

Country	Notification
Canada	Not regulated
EU	See EU Allergens (Section 3)
Hong Kong	Not regulated
Singapore	Not regulated
USA	Contains California Prop 65 component (Styrene)

SECTION 16: OTHER INFORMATION

Information is believed accurate at date of issue.
No warranty expressed or implied.
Users must determine suitability for intended application.

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