



SAFETY DATA SHEET (SDS)

Prepared in accordance with the Globally Harmonized System (GHS) and Regulation (EC) No. 1907/2006 (REACH, as amended)

SECTION 1: Identification

Item	Details
Product Name	Magnolia Flower Essential Oil
Botanical Name	<i>Magnolia × alba</i> (DC.) Figlar
Botanical Synonym	<i>Michelia alba</i> DC.
INCI Name	Magnolia Alba Flower Oil / Michelia Alba Flower Oil
CAS Number	8006-76-6
EC / EINECS Number	296-299-2
FEMA Number	3950
Botanical Family	Magnoliaceae
Plant Part	Flowers
Extraction Method	Steam Distillation
Product Type	Natural Essential Oil
Recommended Use	Professional perfumery, fragrance and cosmetic manufacture
Uses Advised Against	Internal consumption, undiluted skin application and use by children

Magnolia Flower Essential Oil is the volatile oil obtained from the flowers of *Magnolia × alba*, traditionally identified as *Michelia alba*.

SUPPLIER DETAILS

Aromology Trading LLC
G05 Al Ghazal Building
Nadd Al Hamar
Dubai, United Arab Emirates

Website: www.aromology.com
Email: info@aromology.com
Telephone: +971 505197601

SECTION 2: HAZARD IDENTIFICATION

GHS / CLP CLASSIFICATION

Hazard Class	Classification
--------------	----------------



Aspiration Hazard	Category 1
Skin Irritation	Category 2
Skin Sensitisation	Category 1B
Eye Irritation	Category 2
Germ Cell Mutagenicity	Category 2
Carcinogenicity	Category 1B
Hazardous to the Aquatic Environment	Chronic Category 3

SIGNAL WORD

DANGER

HAZARD STATEMENTS

- H304: May be fatal if swallowed and enters airways.
- H315: Causes skin irritation.
- H317: May cause an allergic skin reaction.
- H319: Causes serious eye irritation.
- H341: Suspected of causing genetic defects.
- H350: May cause cancer.
- H412: Harmful to aquatic life with long-lasting effects.

This representative classification is based on a published Magnolia Flower Essential Oil SDS containing linalool, β -caryophyllene, ocimene, methyl eugenol and other naturally occurring constituents.

PRECAUTIONARY STATEMENTS

- P201: Obtain special instructions before use.
- P202: Do not handle until all safety precautions have been read and understood.
- P261: Avoid breathing vapour, spray or mist.
- P264: Wash hands and exposed skin thoroughly after handling.
- P273: Avoid release into the environment.
- P280: Wear protective gloves, protective clothing and eye protection.
- P301+P310: IF SWALLOWED: Immediately call a poison centre or physician.
- 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 where easy to do. Continue rinsing.
- P308+P313: If exposed or concerned, obtain medical advice.
- P331: Do not induce vomiting.
- P333+P313: If skin irritation or rash occurs, obtain medical advice.
- P337+P313: If eye irritation persists, obtain medical advice.



- P405: Store locked up.
- P501: Dispose of contents and container according to local regulations.

OTHER HAZARDS

- Natural essential oils may oxidise when exposed to air, increasing sensitisation potential.
- Composition and classification may vary between crops, origins and batches.
- May contain naturally occurring methyl eugenol, safrole and estragole.
- Not intended for direct application to the skin without appropriate dilution and safety assessment.

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

Component	CAS Number	Content
Magnolia Flower Essential Oil	8006-76-6	100%

REPRESENTATIVE NATURAL CONSTITUENTS

Constituent	CAS Number	Representative Concentration
Linalool	78-70-6	Up to 68.0%
β -Caryophyllene	87-44-5	5.0–10.0%
Ocimene	13877-91-3	1.0–5.0%
α -Humulene	6753-98-6	1.0–5.0%
Methyl Eugenol	93-15-2	Up to 3.4%
α -Pinene	80-56-8	Up to 1.0%
Geraniol	106-24-1	Up to 0.4%
d-Limonene	5989-27-5	Up to 0.28%
Estragole	140-67-0	Up to 0.2%
Benzaldehyde	100-52-7	Up to 0.1%
Safrole	94-59-7	Up to 0.1%
Myrcene	123-35-3	Up to 0.1%

The listed concentrations are representative of one published supplier specification and are not guaranteed for every Magnolia Flower Essential Oil batch.

SECTION 4: FIRST-AID MEASURES

INHALATION



Move the exposed person to fresh air and keep at rest in a position comfortable for breathing. Seek medical attention if coughing, dizziness or breathing difficulty develops.

SKIN CONTACT

Remove contaminated clothing. Wash the affected skin thoroughly with soap and water. Obtain medical advice if irritation or an allergic reaction develops.

EYE CONTACT

Immediately rinse cautiously with clean water for at least 15 minutes. Remove contact lenses where easy to do. Continue rinsing and obtain medical attention if symptoms persist.

INGESTION

Do not induce vomiting. Rinse the mouth and immediately contact a physician or poison centre due to aspiration risk.

MOST IMPORTANT SYMPTOMS AND EFFECTS

- Skin irritation.
- Allergic skin reaction.
- Eye irritation.
- Respiratory irritation from concentrated vapour.
- Aspiration into the lungs following ingestion.
- Potential delayed effects associated with naturally occurring methyl eugenol or safrole.

Published supplier guidance recommends immediate medical attention following significant inhalation or ingestion and thorough washing after skin or eye contact.

SECTION 5: FIRE-FIGHTING MEASURES

SUITABLE EXTINGUISHING MEDIA

- Alcohol-resistant foam.
- Carbon dioxide.
- Dry chemical powder.
- Water fog.

UNSUITABLE EXTINGUISHING MEDIA



Do not use a direct high-pressure water jet.

SPECIFIC FIRE HAZARDS

Combustion may produce:

- Carbon monoxide.
- Carbon dioxide.
- Irritating smoke.
- Toxic organic fumes.

PROTECTIVE EQUIPMENT FOR FIREFIGHTERS

Wear full protective clothing and positive-pressure self-contained breathing apparatus.

SECTION 6: ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS

- Ensure adequate ventilation.
- Remove unnecessary personnel.
- Avoid contact with skin and eyes.
- Avoid breathing vapours.
- Wear suitable protective equipment.
- Remove ignition sources.

ENVIRONMENTAL PRECAUTIONS

Prevent entry into drains, groundwater, soil and natural waterways.

CLEAN-UP METHODS

Contain the spill using sand, vermiculite or another inert absorbent. Collect into a labelled chemical-waste container and dispose of through an authorised contractor.

SECTION 7: HANDLING AND STORAGE

SAFE HANDLING

- Use in a well-ventilated area.
- Avoid breathing concentrated vapour or mist.



- Avoid skin and eye contact.
- Do not eat, drink or smoke while handling.
- Wash hands thoroughly after use.
- Use clean, dry and compatible equipment.
- Limit prolonged exposure to oxygen.

STORAGE CONDITIONS

Store:

- In tightly closed original containers.
- In a dry, cool and well-ventilated area.
- Protected from direct sunlight.
- Away from heat and ignition sources.
- Away from strong oxidising agents.
- Preferably below **15°C** for extended storage.

The referenced supplier SDS recommends protected, tightly closed storage and states that the oil is stable under suggested conditions below 15°C.

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

CONTROL PARAMETERS

No product-specific occupational exposure limit has been established.

ENGINEERING CONTROLS

Provide adequate general ventilation. Use local exhaust ventilation where heated oil, vapour or aerosol may be generated.

PERSONAL PROTECTIVE EQUIPMENT

Protection Type	Recommendation
Eye Protection	Chemical safety goggles or face shield
Hand Protection	Nitrile or chemically resistant gloves
Skin Protection	Protective clothing or laboratory coat
Respiratory Protection	Organic-vapour respirator where ventilation is inadequate
Hygiene Measures	Wash hands after handling and remove contaminated clothing



SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Property	Representative Information
Physical State	Liquid
Colour	Yellow-orange to dark orange or brown
Odour	Characteristic floral, fruity, creamy and green
Relative Density at 25 °C	Approximately 0.890
Refractive Index at 20 °C	Approximately 1.475
Flash Point	Approximately 65 °C
Solubility in Water	Insoluble
Solubility in Alcohol	Soluble
Vapour Pressure	No data available
Auto-Ignition Temperature	No data available

The physical values are representative supplier specifications and should be replaced with batch-specific results where available.

SECTION 10: STABILITY AND REACTIVITY

REACTIVITY

No hazardous reaction is expected when stored and handled as recommended.

CHEMICAL STABILITY

Stable under recommended storage conditions.

CONDITIONS TO AVOID

- High temperatures.
- Direct sunlight.
- Prolonged air exposure.
- Ignition sources.

INCOMPATIBLE MATERIALS

Strong oxidising agents.

HAZARDOUS DECOMPOSITION PRODUCTS



Under fire conditions, decomposition may produce carbon monoxide, carbon dioxide, smoke and irritating fumes.

SECTION 11: TOXICOLOGICAL INFORMATION

ACUTE TOXICITY

Not classified for acute toxicity from the representative product data.

SKIN IRRITATION

Causes skin irritation.

EYE IRRITATION

Causes serious eye irritation.

SKIN SENSITISATION

May cause an allergic skin reaction.

GERM-CELL MUTAGENICITY

Suspected of causing genetic defects based on the representative composition and presence of constituents such as methyl eugenol and safrole.

CARCINOGENICITY

May cause cancer under the representative supplier classification.

REPRODUCTIVE TOXICITY

No product-specific classification established.

ASPIRATION HAZARD

May be fatal if swallowed and enters the airways.

The referenced SDS classifies the oil for aspiration hazard, skin and eye irritation, sensitisation, suspected mutagenicity and carcinogenicity.



SECTION 12: ECOLOGICAL INFORMATION

AQUATIC TOXICITY

Harmful to aquatic life with long-lasting effects.

PERSISTENCE AND DEGRADABILITY

Expected to be biodegradable, although complete batch-specific data are unavailable.

BIOACCUMULATIVE POTENTIAL

Some naturally occurring terpene constituents may have bioaccumulative potential.

MOBILITY IN SOIL

No product-specific data available.

OTHER ADVERSE EFFECTS

Do not allow the product to enter drains, streams or other waterways.

SECTION 13: DISPOSAL CONSIDERATIONS

Dispose of unused material, contaminated absorbent and packaging through an authorised chemical-waste contractor.

Do not dispose of into drains or the natural environment.

Empty packaging may retain hazardous residues and should be handled accordingly.

SECTION 14: TRANSPORT INFORMATION

Transport Item	Representative Status
UN Number	Not regulated in the referenced supplier SDS
UN Proper Shipping Name	Not applicable
Transport Hazard Class	Not assigned
Packing Group	Not assigned
Marine Pollutant	Not assigned in referenced SDS
ADR/RID	Not regulated



IMDG	Not regulated
IATA	Not regulated

Transport status must be confirmed against the original producer's current SDS, the actual flash point and the quantity and packaging used for shipment. The referenced SDS lists the material as not regulated under ADR/RID, IMDG and IATA.

SECTION 15: REGULATORY INFORMATION

Prepared with reference to:

- Regulation (EC) No. 1907/2006 concerning REACH.
- Regulation (EC) No. 1272/2008 concerning classification, labelling and packaging.
- Regulation (EU) 2020/878.
- Regulation (EC) No. 1223/2009 on cosmetic products.
- United Nations Globally Harmonized System.

The presence of methyl eugenol, safrole, estragole and regulated fragrance allergens must be considered when determining cosmetic and fragrance compliance.

SECTION 16: OTHER INFORMATION

Item	Details
Document Type	Material Safety Data Sheet
Version	1.0
Issue Date	21 July 2026
Basis	Representative published supplier information

FULL TEXT OF 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.
- H319: Causes serious eye irritation.
- H341: Suspected of causing genetic defects.
- H350: May cause cancer.
- H351: Suspected of causing cancer.
- H400: Very toxic to aquatic life.



- H410: Very toxic to aquatic life with long-lasting effects.
- H411: Toxic to aquatic life with long-lasting effects.
- H412: Harmful to aquatic life with long-lasting effects.

DISCLAIMER

This MSDS provides representative safety information for Magnolia Flower Essential Oil.

As a natural essential oil, its composition and classification may vary according to:

- Botanical identity.
- Country of origin.
- Flower maturity.
- Harvest season.
- Distillation process.
- Storage conditions.
- Natural constituent concentrations.

The alternative CAS number should only be used where supported by the original producer's documentation.

The original manufacturer's current Safety Data Sheet, batch Certificate of Analysis and analytical composition shall always take precedence.

Authorised by:

Fozia Khot
Director