



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	Golden Champaca Flower Absolute
Alternative Names	Champaca Absolute, Golden Champak Absolute, Michelia Champaca Flower Extract
Botanical Name	<i>Magnolia champaca</i> (L.) Baill. ex Pierre
Botanical Synonym	<i>Michelia champaca</i> L.
INCI Name	Magnolia Champaca Flower Extract
Alternative INCI Reference	Michelia Champaca Flower Extract
CAS Number	94333-99-0
EC/EINECS Number	305-079-8
Plant Part	Golden-yellow flowers
Extraction Method	Solvent extraction, followed by removal of extraction solvent
Product Type	Natural floral absolute / Natural Complex Substance
Recommended Use	Professional perfumery, fragrance compounds, cosmetics, soaps and personal-care formulations
Uses Advised Against	Internal consumption, direct undiluted application, uncontrolled household use and use by children

Golden champaca is the yellow-to-orange-flowered *Magnolia champaca*, formerly classified as *Michelia champaca*.

SUPPLIER DETAILS

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SECTION 2: HAZARD IDENTIFICATION



Conservative GHS Classification

Hazard Class	Category	Hazard Statement
Skin irritation	Category 3	H316: Causes mild skin irritation
Eye irritation	Category 2B	H320: Causes eye irritation
Skin sensitisation	Category 1	H317: May cause an allergic skin reaction
Hazardous to the aquatic environment – acute	Category 3	H402: Harmful to aquatic life
Hazardous to the aquatic environment – chronic	Category 4	H413: May cause long-lasting harmful effects to aquatic life

A published champaca absolute SDS applies mild skin irritation, eye irritation, skin sensitisation and aquatic-hazard classifications to the undiluted flower extract.

Signal Word

WARNING

Hazard Pictogram

- GHS07 — Exclamation Mark

Environmental pictogram requirements may depend on the final regional classification and batch composition.

Hazard Statements

- H316: Causes mild skin irritation.
- H317: May cause an allergic skin reaction.
- H320: Causes eye irritation.
- H402: Harmful to aquatic life.
- H413: May cause long-lasting harmful effects to aquatic life.

Supplementary Safety Information

- May be harmful if swallowed and enters the respiratory tract.
- Avoid direct contact with eyes and skin.
- Avoid inhalation of concentrated vapour or aerosol.
- Residual extraction solvent, where present, must comply with the supplier's batch specification.

Precautionary Statements

Prevention



- P261: Avoid breathing vapour, mist or spray.
- P264: Wash hands thoroughly after handling.
- P272: Contaminated work clothing should not be allowed out of the workplace.
- P273: Avoid release to the environment.
- P280: Wear protective gloves and eye or face protection.

Response

- P302+P352: IF ON SKIN: Wash with plenty of soap and water.
- P333+P313: If skin irritation or rash occurs, obtain medical advice.
- P362+P364: Remove contaminated clothing and wash it before reuse.
- P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses when present and easy to do. Continue rinsing.
- P337+P313: If eye irritation persists, obtain medical advice.
- P301+P310: IF SWALLOWED: Immediately contact a poison centre or physician.
- P331: Do not induce vomiting.

Storage and Disposal

- P403: Store in a well-ventilated place.
- P501: Dispose of contents and container in accordance with applicable regulations.

Other Hazards

The material is a concentrated floral absolute. Natural constituents may oxidise during exposure to air, light or heat, potentially increasing irritation or sensitisation.

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

Substance

Component	CAS Number	EC Number	Concentration
Magnolia Champaca Flower Extract	94333-99-0	305-079-8	Approximately 100%

The commercial identity is commonly listed as Michelia Champaca Flower Extract, CAS 94333-99-0 and EC 305-079-8.

Representative Naturally Occurring Constituents

Depending on botanical material and extraction conditions, champaca flower absolute may contain:



- Benzyl alcohol
- Benzyl benzoate
- Benzyl salicylate
- Linalool
- Geraniol
- Nerolidol
- Methyl anthranilate
- Indole
- Phenethyl alcohol
- Eugenol
- Beta-caryophyllene
- Sesquiterpene alcohols
- Floral waxes, pigments and trace non-volatile matter

Actual composition must be confirmed by batch-specific GC–MS and allergen analysis.

SECTION 4: FIRST-AID MEASURES

Inhalation

Move the affected person to fresh air.

Keep them at rest in a position comfortable for breathing.

Obtain medical advice if headache, dizziness, nausea, coughing or respiratory discomfort persists.

Skin Contact

Remove contaminated clothing.

Wash affected skin thoroughly with soap and plenty of water.

If redness, irritation, itching or rash develops, obtain medical advice.

Wash contaminated clothing before reuse.

Eye Contact

Rinse cautiously with clean water for at least 15 minutes.

Remove contact lenses when present and easy to do. Continue rinsing.



Obtain medical advice if irritation, pain or redness persists.

Ingestion

Rinse the mouth.

Do not induce vomiting.

Contact a poison centre or physician immediately if a significant quantity has been swallowed.

Keep the affected person at rest. If vomiting occurs, keep the head low to reduce the risk of aspiration.

Most Important Symptoms and Effects

Possible effects include:

- Mild to moderate skin irritation
- Allergic skin reaction
- Eye redness, tearing or discomfort
- Headache or nausea following excessive vapour exposure
- Gastrointestinal discomfort following ingestion
- Respiratory complications if aspirated

Advice to Medical Personnel

Treat symptomatically.

SECTION 5: FIRE-FIGHTING MEASURES

Suitable Extinguishing Media

- Carbon dioxide
- Dry chemical powder
- Alcohol-resistant foam
- Fine water spray or fog

Unsuitable Extinguishing Media

Do not use a direct high-pressure water jet because it may spread burning material.

Specific Fire Hazards



The product is combustible when sufficiently heated.

Combustion may produce:

- Carbon monoxide
- Carbon dioxide
- Dense smoke
- Irritating organic vapours
- Unidentified decomposition products

Protective Equipment for Firefighters

Wear self-contained breathing apparatus and full protective clothing.

Cool fire-exposed containers with water spray.

Prevent contaminated fire-fighting water from entering drains or waterways.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal Precautions

- Ensure adequate ventilation.
- Avoid breathing vapour or aerosol.
- Avoid contact with skin and eyes.
- Wear suitable gloves and eye protection.
- Remove unnecessary personnel.
- Eliminate flames, sparks and ignition sources.
- Use non-sparking tools where appropriate.

Environmental Precautions

Prevent entry into:

- Drains
- Sewers
- Surface water
- Groundwater
- Soil

Large or repeated releases may harm the environment.

Containment and Cleaning



Contain and absorb the material with:

- Sand
- Vermiculite
- Diatomaceous earth
- Commercial oil absorbent

Transfer collected material into a suitable labelled waste container.

Clean the affected surface with detergent and water while preventing contaminated wash water from entering drains.

SECTION 7: HANDLING AND STORAGE

Safe Handling

- Handle in a well-ventilated area.
- Avoid breathing concentrated vapours or aerosol.
- Avoid direct contact with skin and eyes.
- Wear chemical-resistant gloves and eye protection.
- Do not eat, drink or smoke while handling.
- Wash hands thoroughly after use.
- Keep containers tightly closed.
- Use clean, dry and odour-free equipment.
- Avoid contamination with water or incompatible substances.
- Prevent release to the environment.
- Do not swallow or apply undiluted to skin.

Storage Conditions

Store:

- In the original tightly closed container
- In a cool, dry and well-ventilated place
- Away from direct sunlight
- Away from heat and ignition sources
- Away from strong oxidising agents
- Separately from food and beverages
- Out of reach of children

Recommended Storage Temperature

Store at approximately 10–25 °C, unless otherwise specified by the producer.



Absolute materials may become more viscous or semi-solid at lower temperatures. Gentle warming in a controlled water bath may be used before handling.

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

Occupational Exposure Limits

No occupational exposure limit has been established for the complete natural absolute.

Exposure limits for any residual solvent or individual constituent must be observed where applicable.

Engineering Controls

Provide adequate general ventilation.

Use local exhaust ventilation during bulk transfer, heating or aerosol-generating operations.

Ensure eyewash facilities are available near the handling area.

Personal Protective Equipment

Protection Type	Recommendation
Eye and face protection	Chemical splash goggles
Hand protection	Chemical-resistant nitrile gloves
Skin protection	Laboratory coat, apron or suitable protective clothing
Respiratory protection	Normally unnecessary with adequate ventilation; use an approved organic-vapour respirator when ventilation is insufficient
Hygiene measures	Wash hands and exposed skin after handling

Published supplier guidance recommends safety goggles, chemical-resistant gloves, suitable protective clothing and respiratory protection where ventilation is inadequate.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Property	Typical Description or Range
Physical state	Slightly viscous liquid or pourable absolute
Appearance	Clear to slightly hazy
Colour	Golden yellow, orange-brown to reddish-brown
Odour	Intensely rich, sweet, floral, exotic, tea-like, fruity and slightly



	animalic
Relative density at 20°C	Approximately 0.955–1.080
Refractive index at 20°C	Approximately 1.482–1.528
Flash point	Not reliably established; batch data required
Boiling point	Not determined for the natural mixture
Melting/freezing point	Batch dependent
Water solubility	Insoluble
Solubility in alcohol	Soluble or dispersible
Vapour pressure	Not determined
Viscosity	Slightly viscous; temperature dependent
Auto-ignition temperature	Not determined
Explosive properties	Not classified as explosive
Oxidising properties	Not classified as oxidising

A champaca absolute supplier specification describes the material as a reddish-brown, slightly viscous liquid with a rich sweet floral aroma, refractive index of 1.482–1.528 and relative density of 0.955–1.080 at 20°C.

Batch-specific values must take precedence.

SECTION 10: STABILITY AND REACTIVITY

Reactivity

No hazardous reaction is expected under normal handling and storage conditions.

Chemical Stability

Stable when stored correctly in a tightly closed container.

The product may oxidise or darken following prolonged exposure to heat, air or light.

Possibility of Hazardous Reactions

Hazardous polymerisation is not expected.

Conditions to Avoid

- Excessive heat
- Direct sunlight



- Open flames and sparks
- Prolonged air exposure
- Moisture contamination
- Temperatures above the verified batch flash point

Incompatible Materials

- Strong oxidising agents
- Strong acids
- Strong alkalis
- Reactive halogen compounds

Hazardous Decomposition Products

Thermal decomposition or combustion may produce carbon monoxide, carbon dioxide and irritating organic vapours.

SECTION 11: TOXICOLOGICAL INFORMATION

Likely Routes of Exposure

- Skin contact
- Eye contact
- Inhalation
- Accidental ingestion

Acute Toxicity

Complete acute-toxicity data are not available for the Natural Complex Substance.

Skin Corrosion/Irritation

May cause mild skin irritation.

Repeated or prolonged exposure may cause redness, dryness or discomfort.

Serious Eye Damage/Irritation

Causes eye irritation.

Direct contact may result in redness, tearing and discomfort.

Skin Sensitisation



May cause an allergic skin reaction.

Potential sensitising constituents may include naturally occurring linalool, geraniol, eugenol, benzyl salicylate, benzyl benzoate and oxidation products.

Respiratory Sensitisation

Not classified based on available information.

Concentrated vapours or aerosols may irritate sensitive individuals.

Aspiration Hazard

Complete classification data are unavailable.

Because the material is oily and viscous, vomiting should not be induced after ingestion.

Germ-Cell Mutagenicity

Not classified based on available information.

Carcinogenicity

The complete natural extract is not listed as a carcinogen by IARC, NTP or OSHA in the reviewed supplier SDS.

Reproductive Toxicity

Insufficient data are available for classification.

Specific Target-Organ Toxicity

Insufficient data are available for classification.

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity

Harmful to aquatic life and may cause long-lasting harmful effects.

Large or repeated spills may have a damaging effect on aquatic environments.

Persistence and Degradability



No complete biodegradation data are available for the Natural Complex Substance.

Bioaccumulative Potential

Certain hydrophobic floral constituents may have bioaccumulative potential.

Mobility in Soil

The material is insoluble in water and may adsorb to soil and organic matter.

PBT and vPvB Assessment

No complete assessment is available.

Endocrine-Disrupting Properties

No complete assessment is available.

Other Adverse Effects

Do not discharge concentrated material into drains, watercourses or soil.

The reviewed supplier SDS notes that environmental data are limited and that large or frequent spills may still cause harm.

SECTION 13: DISPOSAL CONSIDERATIONS

Dispose of the product through an authorised chemical-waste contractor.

- Do not discharge into drains or waterways.
- Do not dispose of with ordinary household waste.
- Avoid contamination of soil and groundwater.
- Dispose of contaminated absorbent as chemical waste.
- Empty containers may retain hazardous residue.
- Handle contaminated packaging in the same manner as the product.
- Recycle clean packaging only where legally permitted.

SECTION 14: TRANSPORT INFORMATION

Based on the reviewed supplier SDS, the undiluted champaca absolute is generally listed as **not regulated for transport** under ADR, IMDG and IATA.



Transport Information	Status
UN Number	Not assigned
UN Proper Shipping Name	Not regulated
Transport Hazard Class	Not assigned
Packing Group	Not assigned
Marine Pollutant	Not assigned
ADR/RID	Not regulated
IMDG	Not regulated
IATA/ICAO	Not regulated

Transport Qualification

Final transport classification must be verified using:

- Actual batch flash point
- Residual solvent concentration
- Aquatic-hazard calculation
- Package size
- Shipping mode
- Carrier requirements
- Current national and international transport regulations

A residual extraction-solvent level capable of altering the flash point may change the transport classification.

SECTION 15: REGULATORY INFORMATION

This Safety Data Sheet has been structured with reference to:

- Regulation (EC) No. 1907/2006 – REACH
- Regulation (EC) No. 1272/2008 – CLP
- United Nations Globally Harmonized System
- Regulation (EC) No. 1223/2009 on cosmetic products
- Applicable ADR, RID, IMDG and IATA provisions

The product is a Natural Complex Substance and may contain naturally occurring fragrance allergens.

The finished-product manufacturer is responsible for:

- Reviewing current IFRA Standards
- Calculating regulated allergens



- Confirming residual solvent compliance
- Completing the cosmetic safety assessment
- Preparing a legally compliant ingredient declaration
- Confirming suitability for the intended application

SECTION 16: OTHER INFORMATION

Full Hazard Statements

- H316: Causes mild skin irritation.
- H317: May cause an allergic skin reaction.
- H320: Causes eye irritation.
- H402: Harmful to aquatic life.
- H413: May cause long-lasting harmful effects to aquatic life.

Document Information

Item	Details
Document Type	Material Safety Data Sheet / Safety Data Sheet
Product	Golden Champaca Flower Absolute
Botanical Source	<i>Magnolia champaca</i>
CAS Number	94333-99-0
Issue Date	17 July 2026
Revision Number	01
Supersedes	New document
Intended Users	Professional, commercial and industrial users

Natural Product Variability

Golden Champaca Flower Absolute is a natural botanical extract. Its composition, colour, viscosity, allergen profile and physical properties may vary according to:

- Botanical variety
- Geographical origin
- Flower maturity
- Harvest period
- Extraction solvent
- Extraction conditions
- Solvent-removal efficiency
- Storage and oxidation
- Production batch



Disclaimer

The information in this SDS is based on available supplier documentation and current knowledge of champaca flower absolute.

Batch-specific information, including:

- GC-MS composition
- Residual solvent analysis
- Fragrance-allergen profile
- Flash point
- Physical specifications
- Producer hazard classification

must take precedence over representative information.

This document provides guidance for safe handling, storage, transport and professional use. It does not constitute a warranty of suitability for a particular application.

The user is responsible for determining suitability, completing the necessary safety assessments and complying with all applicable legal and regulatory requirements.

This product is not intended for internal consumption and must be stored securely away from children.

Authorised by:

Fozia Khot
Director