



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	Jasmine Sambac Absolute
Botanical Name	<i>Jasminum sambac</i> (L.) Aiton
INCI Name	Jasminum Sambac Flower Extract
CAS Number	91770-14-8
EC Number	294-797-4
FEMA Number	2598
Country of Origin	China
Plant Part	Flowers
Extraction Method	Solvent extraction
Product Type	Natural floral absolute
Recommended Use	Professional perfumery, fragrance formulation and cosmetic manufacture
Uses Advised Against	Internal consumption, vaping, smoking and undiluted skin application

Jasmine Sambac Absolute is obtained from the flowers of *Jasminum sambac*. The recognised cosmetic ingredient identity is Jasminum Sambac Flower Extract, CAS 91770-14-8. Commercial absolute production uses solvent extraction.

SUPPLIER DETAILS

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SECTION 2: HAZARD IDENTIFICATION

REPRESENTATIVE GHS/CLP CLASSIFICATION



The following classification is representative of an undiluted natural jasmine absolute and must be confirmed against the original producer's batch-specific Safety Data Sheet:

Hazard Class	Representative Classification
Skin Irritation	Category 2
Skin Sensitisation	Category 1
Serious Eye Irritation	Category 2
Aspiration Hazard	Category 1, where applicable
Hazardous to the Aquatic Environment	Chronic Category 2 or 3, batch dependent

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.
- H411: Toxic to aquatic life with long-lasting effects.

PRECAUTIONARY STATEMENTS

- P261: Avoid breathing vapour or mist.
- P264: Wash thoroughly after handling.
- P273: Avoid release to the environment.
- P280: Wear protective gloves and eye protection.
- P301+P310: If swallowed, immediately contact a poison centre or physician.
- P331: Do not induce vomiting.
- 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.
- P333+P313: If skin irritation or rash occurs, obtain medical advice.
- P501: Dispose of contents and container according to applicable regulations.

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

Component	CAS Number	Concentration
Jasminum Sambac Flower Absolute	91770-14-8	Approximately 100%

REPRESENTATIVE NATURALLY OCCURRING CONSTITUENTS



Jasmine Sambac Absolute may naturally contain:

- Alpha-farnesene
- Benzyl acetate
- Linalool
- Methyl anthranilate
- Benzyl alcohol
- Benzyl benzoate
- Cis-3-hexenyl benzoate
- Cis-3-hexenyl acetate
- Indole
- Germacrene D
- Methyl linoleate
- Isophytol
- Methyl jasmonate

Published compositional profiles commonly identify farnesene, benzyl acetate, linalool, methyl anthranilate, benzyl alcohol, indole and related floral constituents in Jasmine Sambac Absolute.

Natural composition varies according to cultivar, growing conditions, harvest period, extraction process and production batch.

SECTION 4: FIRST-AID MEASURES

INHALATION

Move the affected person to fresh air. Keep at rest and obtain medical advice if irritation, dizziness, headache or breathing discomfort persists.

SKIN CONTACT

Remove contaminated clothing. Wash the affected area thoroughly with soap and water. Seek medical attention if irritation or an allergic reaction develops.

EYE CONTACT

Rinse immediately with clean water for at least 15 minutes. Remove contact lenses where easy to do and continue rinsing. Obtain medical attention if irritation persists.

INGESTION



Rinse the mouth. Do not induce vomiting. Immediately contact a physician or poison-control centre.

MOST IMPORTANT SYMPTOMS

Possible symptoms include:

- Skin redness or irritation.
- Allergic skin reaction.
- Eye irritation.
- Nausea or gastrointestinal discomfort.
- Coughing or respiratory complications following aspiration.

SECTION 5: FIRE-FIGHTING MEASURES

SUITABLE EXTINGUISHING MEDIA

- Alcohol-resistant foam
- Dry chemical powder
- Carbon dioxide
- Water fog or fine spray

UNSUITABLE EXTINGUISHING MEDIA

Do not use a direct high-pressure water jet.

SPECIAL HAZARDS

Combustion may produce:

- Carbon monoxide
- Carbon dioxide
- Irritating smoke
- Organic decomposition vapours

PROTECTIVE EQUIPMENT FOR FIREFIGHTERS

Wear self-contained breathing apparatus and suitable protective clothing.

SECTION 6: ACCIDENTAL RELEASE MEASURES



PERSONAL PRECAUTIONS

- Remove ignition sources.
- Ensure adequate ventilation.
- Avoid breathing vapours.
- Avoid contact with skin and eyes.
- Wear gloves, goggles and protective clothing.

ENVIRONMENTAL PRECAUTIONS

Prevent entry into drains, soil, waterways and groundwater.

CLEAN-UP METHODS

Absorb the spill with sand, earth, vermiculite or another inert absorbent material. Transfer into a labelled waste container and dispose of according to local regulations.

SECTION 7: HANDLING AND STORAGE

HANDLING

- Use in a well-ventilated area.
- Avoid prolonged skin contact.
- Avoid eye contact.
- Do not eat, drink or smoke while handling.
- Keep containers closed when not in use.
- Use appropriate personal protective equipment.

STORAGE

Store:

- In tightly sealed, suitable containers.
- In a cool, dry and well-ventilated location.
- Away from direct sunlight and excessive heat.
- Away from ignition sources.
- Away from oxidising agents.
- Out of reach of children.

Natural absolutes may become thicker at lower temperatures. Allow the sealed container to return gradually to room temperature and mix gently before use.

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

CONTROL PARAMETERS

No occupational exposure limit has been established for Jasmine Sambac Absolute as a complete natural complex substance.

ENGINEERING CONTROLS

Provide adequate general or local exhaust ventilation.

PERSONAL PROTECTIVE EQUIPMENT

Protection Type	Recommendation
Eye Protection	Chemical-resistant safety goggles
Hand Protection	Nitrile or other chemically resistant gloves
Skin Protection	Laboratory coat, apron or protective clothing
Respiratory Protection	Organic-vapour protection where ventilation is inadequate
Hygiene Measures	Wash hands and exposed skin after handling

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Property	Representative Information
Physical State	Viscous liquid or semi-fluid absolute
Colour	Deep orange-brown to dark reddish-brown
Odour	Intense white floral, fruity, green, honeyed, tea-like and mildly indolic
Relative Density at 20°C	Approximately 0.950–1.000
Refractive Index at 20°C	Approximately 1.480–1.520
Flash Point	Approximately 93°C
Water Solubility	Insoluble
Solubility in Ethanol	Soluble or dispersible, potentially with natural haze
Vapour Pressure	Low
Evaporation Rate	Slow
Oxidising Properties	Not classified as oxidising

A commercial technical listing describes Jasmine Sambac Absolute as a deep orange-brown viscous liquid with a flash point of approximately 93.3°C.



The original manufacturer's Certificate of Analysis must be used for batch release.

SECTION 10: STABILITY AND REACTIVITY

REACTIVITY

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

CHEMICAL STABILITY

Stable when stored in tightly closed containers under recommended conditions.

CONDITIONS TO AVOID

- Excessive heat.
- Direct sunlight.
- Open flames.
- Sparks.
- Prolonged exposure to air.
- Moisture contamination.

INCOMPATIBLE MATERIALS

Strong oxidising agents, strong acids and strong alkalis.

HAZARDOUS DECOMPOSITION PRODUCTS

Carbon monoxide, carbon dioxide and irritating organic vapours may be produced during combustion.

SECTION 11: TOXICOLOGICAL INFORMATION

LIKELY ROUTES OF EXPOSURE

- Skin contact.
- Eye contact.
- Inhalation of vapour or mist.
- Accidental ingestion.

SKIN CORROSION / IRRITATION



May cause skin irritation, especially after prolonged or repeated exposure.

SERIOUS EYE DAMAGE / IRRITATION

May cause serious eye irritation.

SKIN SENSITISATION

May cause an allergic skin reaction in susceptible individuals because of naturally occurring fragrance constituents.

ASPIRATION HAZARD

Oily liquids may enter the lungs following swallowing and vomiting, potentially causing chemical pneumonitis.

CARCINOGENICITY, MUTAGENICITY AND REPRODUCTIVE TOXICITY

No classification is assigned to the natural extract as a whole in the absence of batch-specific evidence meeting the applicable classification criteria.

SECTION 12: ECOLOGICAL INFORMATION

ECOTOXICITY

The material may be toxic or harmful to aquatic organisms with long-lasting effects.

PERSISTENCE AND DEGRADABILITY

Many naturally occurring organic constituents are expected to be biodegradable, although complete data for the complex substance are unavailable.

BIOACCUMULATIVE POTENTIAL

Some hydrophobic constituents may have the potential to bioaccumulate.

MOBILITY IN SOIL

Low water solubility may result in adsorption to soil and sediment.

OTHER ADVERSE EFFECTS

Avoid uncontrolled release into the environment.



SECTION 13: DISPOSAL CONSIDERATIONS

Dispose of the product, spill residues and contaminated absorbents through an authorised waste contractor.

Do not discharge into drains, waterways or soil.

Empty containers may retain product residues and vapours. Do not reuse them for food, beverages or household purposes.

SECTION 14: TRANSPORT INFORMATION

Transport classification depends on the precise batch composition, flash point and aquatic-hazard classification.

Transport Item	Representative Information
UN Number	UN3082, where environmental classification applies
Proper Shipping Name	Environmentally Hazardous Substance, Liquid, N.O.S.
Transport Hazard Class	9
Packing Group	III
Marine Pollutant	May apply
Special Precautions	Keep containers upright, sealed and protected from heat

The current manufacturer's transport classification must be confirmed before shipment.

SECTION 15: REGULATORY INFORMATION

Prepared with reference to:

- Regulation (EC) No. 1907/2006 – REACH.
- Regulation (EC) No. 1272/2008 – CLP.
- Regulation (EU) 2020/878.
- United Nations Globally Harmonized System.
- Regulation (EC) No. 1223/2009 on cosmetic products.

The recognised cosmetic ingredient listing identifies *Jasminum Sambac* Flower Extract as an extract obtained from the flowers of *Jasminum sambac*.

SECTION 16: OTHER INFORMATION

DOCUMENT INFORMATION

Item	Details
Document Type	Summary Material Safety Data Sheet
Issue Date	20 July 2026
Revision Number	01
Supersedes	New issue

ABBREVIATIONS

Abbreviation	Meaning
CAS	Chemical Abstracts Service
EC	European Community number
FEMA	Flavor and Extract Manufacturers Association
GHS	Globally Harmonized System
CLP	Classification, Labelling and Packaging
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals

DISCLAIMER

This Safety Data Sheet provides representative safety information for Jasmine Sambac Absolute (China).

Because the product is a natural complex substance, its physical properties, composition, allergen profile and hazard classification may vary according to cultivar, harvest, processing conditions and production batch.

The original producer's current batch-specific Safety Data Sheet, Certificate of Analysis and transport declaration shall take precedence.

This material is intended exclusively for professional perfumery and cosmetic manufacture. It is not intended for internal consumption and should not be used undiluted on the skin. Keep away from children.

Authorised by:
Fozia Khot
Director