



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
Country of Origin	India
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 direct skin application

The CAS numbers 91770-14-8 and 1034798-23-6 and EC number 294-797-4 are used commercially for Jasmine Sambac Absolute.

SUPPLIER DETAILS

Aromology Trading LLC
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SECTION 2: HAZARD IDENTIFICATION

REPRESENTATIVE GHS / CLP CLASSIFICATION

The following conservative classification is based on published supplier information for undiluted Jasmine Sambac Absolute:

**Hazard Class**

Aspiration Hazard

Acute Toxicity – Inhalation

Skin Sensitisation

Serious Eye Damage

Hazardous to the Aquatic Environment

Classification

Category 1

Category 4

Category 1 / 1B

Category 1

Chronic Category 3

SIGNAL WORD

DANGER

HAZARD STATEMENTS

- H304: May be fatal if swallowed and enters airways.
- H317: May cause an allergic skin reaction.
- H318: Causes serious eye damage.
- H332: Harmful if inhaled.
- H412: Harmful to aquatic life with long-lasting effects.

A current published supplier SDS classifies Jasmine Sambac Absolute for aspiration hazard, inhalation toxicity, skin sensitisation, serious eye damage and chronic aquatic hazard.

PRECAUTIONARY STATEMENTS

- P261: Avoid breathing vapours, mist or spray.
- P271: Use only outdoors or in a well-ventilated area.
- P272: Contaminated work clothing should not be allowed out of the workplace.
- P273: Avoid release to the environment.
- P280: Wear protective gloves, protective clothing and eye or face protection.
- P301+P310: If swallowed, immediately call 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. Remove contact lenses where easy to do and continue rinsing.
- P310: Immediately call a poison centre or physician.
- P333+P313: If skin irritation or rash occurs, obtain medical advice.
- P405: Store locked up.
- P501: Dispose of contents and container according to applicable regulations.

OTHER HAZARDS



The product is a natural complex substance. Its classification may vary according to the concentration of naturally occurring constituents in the supplied batch.

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

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

REPRESENTATIVE NATURALLY OCCURRING CONSTITUENTS

The material may naturally contain:

- Benzyl acetate
- Linalool
- Indole
- Methyl anthranilate
- Benzyl alcohol
- Benzonitrile
- Benzyl benzoate
- Phenethyl acetate
- Farnesene
- Cis-3-hexenyl acetate
- Cis-3-hexenyl benzoate
- Germacrene D
- Isophytol
- Methyl jasmonate

One published SDS reports benzyl acetate, linalool, indole, methyl anthranilate, benzyl alcohol, benzonitrile and benzyl benzoate among the material's constituents.

Natural composition varies according to flower cultivar, harvest, climate, extraction process and production batch.

SECTION 4: FIRST-AID MEASURES

INHALATION

Move the affected person to fresh air. Keep at rest in a position comfortable for breathing. Obtain medical attention if irritation, dizziness, headache or breathing difficulty occurs.



SKIN CONTACT

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

EYE CONTACT

Rinse cautiously with clean water for at least 15 minutes. Remove contact lenses where easy to do and continue rinsing. Obtain immediate medical attention.

INGESTION

Rinse the mouth. Do not induce vomiting. Immediately contact a poison centre or physician because of the potential aspiration hazard.

MOST IMPORTANT SYMPTOMS AND EFFECTS

Possible symptoms include:

- Allergic skin reaction.
- Skin redness or irritation.
- Severe eye irritation or eye damage.
- Headache, dizziness or respiratory discomfort.
- Nausea or gastrointestinal discomfort.
- Chemical pneumonitis if aspirated into the lungs.

SECTION 5: FIRE-FIGHTING MEASURES

SUITABLE EXTINGUISHING MEDIA

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

UNSUITABLE EXTINGUISHING MEDIA

Do not use a direct high-pressure water jet, as this may spread the burning material.

SPECIAL HAZARDS

Combustion may produce:



- Carbon monoxide
- Carbon dioxide
- Smoke
- Soot
- Irritating organic vapours

Published supplier guidance lists carbon dioxide, foam, powder and water spray as suitable extinguishing media and advises against a full water jet.

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 vapour or mist.
- Avoid contact with skin and eyes.
- Wear gloves, goggles and protective clothing.
- Keep unprotected persons away.

ENVIRONMENTAL PRECAUTIONS

Prevent entry into drains, soil, surface water and groundwater.

CLEAN-UP METHODS

Contain the spill and absorb with sand, diatomaceous earth, vermiculite or another inert non-combustible absorbent.

Transfer the collected material into a labelled waste container for disposal. Wash the affected area with water and a suitable cleaning agent after removing the bulk material.

SECTION 7: HANDLING AND STORAGE

SAFE HANDLING

- Handle in a well-ventilated area.



- Avoid breathing vapours and mist.
- Avoid contact with skin and eyes.
- Keep away from flames, sparks and ignition sources.
- Do not eat, drink or smoke while handling.
- Keep the container tightly closed when not in use.
- Wash hands thoroughly after handling.

STORAGE CONDITIONS

Store:

- In a tightly closed, suitable container.
- In a cool, dry and well-ventilated place.
- Protected from direct sunlight.
- Away from excessive heat and ignition sources.
- Away from oxidising agents.
- Away from food and beverages.
- 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.

Commercial technical data recommends tightly closed storage in a cool, dry place protected from light.

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 ventilation or local exhaust ventilation, especially during heating, blending or bulk handling.

PERSONAL PROTECTIVE EQUIPMENT

Protection Type	Recommendation
Eye Protection	Tightly fitting chemical-resistant safety goggles or face shield
Hand Protection	Nitrile, PVC or other chemically resistant gloves
Skin Protection	Laboratory coat, apron or protective clothing



Respiratory Protection Suitable organic-vapour respirator where ventilation is insufficient
Hygiene Measures Wash hands and exposed skin after handling

Published handling guidance recommends nitrile or PVC gloves and tightly sealed eye protection.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Property	Representative Information
Physical State	Viscous liquid or semi-fluid absolute
Colour	Brown, reddish-brown or deep orange-brown
Odour	Intense jasmine floral, fruity, green, honeyed, tea-like and indolic
Relative Density	Approximately 0.930–0.990
Refractive Index at 20 °C	Approximately 1.490–1.520
Flash Point	Approximately 74 °C , closed cup
Water Solubility	Insoluble
Alcohol Solubility	Soluble or dispersible
Vapour Pressure	Not determined
Boiling Point	Not determined
Auto-Ignition Temperature	Not determined
Oxidising Properties	Not classified as oxidising

Published commercial specifications report a brown to reddish-brown liquid, density ranges of approximately 0.930–0.990, refractive index of approximately 1.490–1.520 and a flash point of 74 °C.

These values are representative only. The original producer's batch-specific Certificate of Analysis must be used for product release.

SECTION 10: STABILITY AND REACTIVITY

REACTIVITY

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

CHEMICAL STABILITY



Stable when stored in tightly sealed containers under suitable conditions.

POSSIBILITY OF HAZARDOUS REACTIONS

May react strongly with oxidising agents.

Product-soaked cloths, absorbents or filter materials may generate heat under unsuitable storage conditions.

CONDITIONS TO AVOID

- Excessive heat.
- Direct sunlight.
- Open flames and sparks.
- Large temperature changes.
- Humid conditions.
- Prolonged exposure to air.

INCOMPATIBLE MATERIALS

Strong oxidising agents, strong acids and strong alkalis.

HAZARDOUS DECOMPOSITION PRODUCTS

Carbon monoxide, carbon dioxide, smoke and irritating organic vapours may form during combustion.

SECTION 11: TOXICOLOGICAL INFORMATION

LIKELY ROUTES OF EXPOSURE

- Inhalation.
- Skin contact.
- Eye contact.
- Accidental ingestion.

ACUTE TOXICITY

Harmful effects may occur following inhalation of concentrated vapours or mist.

SKIN CORROSION / IRRITATION

Prolonged or repeated exposure may cause irritation.



SERIOUS EYE DAMAGE / IRRITATION

May cause serious eye damage.

SKIN SENSITISATION

May cause an allergic skin reaction in susceptible individuals.

ASPIRATION HAZARD

May be fatal if swallowed and enters the respiratory tract. Aspiration may cause chemical pneumonitis.

GERM-CELL MUTAGENICITY

No complete data are available for the natural complex substance as a whole.

CARCINOGENICITY

No classification is assigned to the natural absolute as a whole in the absence of sufficient batch-specific evidence.

REPRODUCTIVE TOXICITY

No complete data are available for the natural complex substance as a whole.

SECTION 12: ECOLOGICAL INFORMATION

ECOTOXICITY

Harmful to aquatic life with long-lasting effects.

PERSISTENCE AND DEGRADABILITY

Many naturally occurring organic constituents may be biodegradable; complete data for the natural 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.

PBT AND vPvB ASSESSMENT

No definitive classification is assigned to the complete natural substance.

OTHER ADVERSE EFFECTS

Avoid uncontrolled release into the environment.

SECTION 13: DISPOSAL CONSIDERATIONS

Dispose of unused 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 containers for food, beverages or household purposes.

Recycling is preferred where permitted and where containers have been properly cleaned.

SECTION 14: TRANSPORT INFORMATION

Published supplier transport classifications differ. One supplier SDS lists Jasmine Sambac Absolute as not regulated for ADR, IMDG and IATA transport. The final classification must be confirmed from the original manufacturer's current SDS and the actual package size and composition.

Transport Item	Representative Information
UN Number	Not assigned in the referenced supplier SDS
ADR / RID Class	Not regulated in the referenced supplier SDS
IMDG Class	Not regulated in the referenced supplier SDS
IATA Class	Not regulated in the referenced supplier SDS
Marine Pollutant	No, in the referenced supplier SDS
Packing Group	Not applicable
Special Precautions	Keep containers upright, sealed and protected from heat



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.

Jasminum Sambac Flower Extract is recognised as a natural jasmine extract associated with CAS 91770-14-8 in European cosmetic safety material.

This Safety Data Sheet does not constitute cosmetic-product approval or authorisation for direct consumer use.

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

FULL TEXT OF HAZARD STATEMENTS

Code	Hazard Statement
H304	May be fatal if swallowed and enters airways
H317	May cause an allergic skin reaction
H318	Causes serious eye damage
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ABBREVIATIONS

Abbreviation	Meaning
CAS	Chemical Abstracts Service
EC	European Community number
GHS	Globally Harmonized System
CLP	Classification, Labelling and Packaging



REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals
ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road
IMDG	International Maritime Dangerous Goods Code
IATA	International Air Transport Association

DISCLAIMER

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

Jasmine Sambac Absolute is a natural complex substance. Its physical properties, composition, hazard classification and transport status may vary according to cultivation conditions, harvest, processing method and production batch.

Published supplier SDS documents use differing classifications, ranging from skin sensitisation alone to more conservative classifications covering aspiration, inhalation, serious eye damage and environmental hazards. The original producer's current batch-specific Safety Data Sheet, Certificate of Analysis and transport declaration shall therefore take precedence.

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

Authorised by:

Fozia Khot
Director