



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

Product Name: Frangipani Absolute

Alternative Name: Plumeria Absolute

Botanical Name: *Plumeria alba* L. (or *Plumeria rubra* L., depending on source)

NCI Name: *Plumeria Alba* Flower Extract

CAS Number: 94350-02-4

EC Number: 305-220-3

Plant Part: Flowers

Extraction Method: Solvent Extraction

Origin: India

Product Type: Natural Absolute

Grade: Premium Perfumery Grade

Recommended Use: Professional perfumery, cosmetic and fragrance ingredient.

Frangipani Absolute is obtained from the flowers of *Plumeria* species and is prized in fine fragrance for its rich tropical floral aroma with creamy, fruity and jasmine-like nuances.

Supplier

Aromology Trading LLC

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SECTION 2 – HAZARD IDENTIFICATION

GHS Classification

As a natural complex botanical extract, Frangipani Absolute is classified based on the known hazards of naturally occurring fragrance constituents.

- Skin Irritation – Category 2
- Eye Irritation – Category 2A



- Skin Sensitisation – Category 1
- Hazardous to the Aquatic Environment – Chronic Category 2

Signal Word

Warning

Hazard Statements

- 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 vapours.
- P264 Wash thoroughly after handling.
- P273 Avoid release to the environment.
- P280 Wear protective gloves and eye protection.
- P302+P352 IF ON SKIN: Wash with plenty of soap and water.
- P333+P313 If skin irritation or rash occurs: Get medical advice.
- P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes.
- P391 Collect spillage.
- P501 Dispose of contents/container according to local regulations.

SECTION 3 – COMPOSITION / INFORMATION ON INGREDIENTS

Component	Information
Product	Frangipani Absolute
Botanical Name	<i>Plumeria alba</i> L.
INCI Name	Plumeria Alba Flower Extract
CAS Number	94350-02-4
EC Number	305-220-3
Purity	100% Natural Absolute

Typical Naturally Occurring Constituents

- Benzyl Salicylate
- Linalool
- Farnesol



- Benzyl Benzoate
- Geraniol
- Nerolidol
- Phenethyl Alcohol
- Methyl Benzoate
- Indole (trace)
- Floral esters

The exact composition varies depending on species, geographical origin and extraction process.

SECTION 4 – FIRST AID MEASURES

Inhalation: Move the exposed person to fresh air. Seek medical advice if symptoms persist.

Skin Contact: Wash thoroughly with soap and water. Remove contaminated clothing.

Eye Contact: Flush immediately with clean water for at least 15 minutes. Obtain medical attention if irritation persists.

Ingestion: Rinse mouth. Do not induce vomiting. Seek medical advice if unwell.

SECTION 5 – FIRE-FIGHTING MEASURES

Suitable Extinguishing Media

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

Hazardous Combustion Products

- Carbon monoxide
- Carbon dioxide
- Irritating organic fumes

Firefighters should wear self-contained breathing apparatus where necessary.



SECTION 6 – ACCIDENTAL RELEASE MEASURES

Provide adequate ventilation.

Prevent release into drains and waterways.

Absorb with inert material such as sand or vermiculite.

Collect into suitable labelled containers for disposal.

SECTION 7 – HANDLING AND STORAGE

Handle using good industrial hygiene practices.

Avoid prolonged skin and eye contact.

Keep containers tightly closed.

Protect from direct sunlight, excessive heat and oxidising agents.

Recommended Storage Temperature: 5–20 °C

SECTION 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

Protection	Recommendation
Eye Protection	Chemical safety goggles
Hand Protection	Nitrile gloves
Skin Protection	Protective clothing
Respiratory Protection	Organic vapour respirator where ventilation is inadequate
Engineering Controls	Adequate local ventilation

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Property	Typical Specification
Appearance	Viscous liquid to semi-solid
Colour	Golden Yellow to Deep Orange
Odour	Rich tropical floral, creamy, jasmine-like, fruity, exotic



Relative Density (20 °C) 0.950–1.030

Refractive Index (20 °C) 1.480–1.540

Flash Point >100 °C

Solubility Soluble in ethanol and perfumery solvents; insoluble in water

SECTION 10 – STABILITY AND REACTIVITY

Stable under recommended storage conditions.

Avoid:

- Excessive heat
- Direct sunlight
- Strong oxidising agents

Hazardous decomposition products include carbon monoxide and carbon dioxide.

SECTION 11 – TOXICOLOGICAL INFORMATION

May cause skin irritation and eye irritation.

May produce allergic skin reactions in susceptible individuals.

Natural botanical extracts should be handled with appropriate industrial hygiene precautions.

SECTION 12 – ECOLOGICAL INFORMATION

Avoid uncontrolled release into the environment.

Prevent contamination of waterways and soil.

Natural aromatic materials may be harmful to aquatic organisms in concentrated form.

SECTION 13 – DISPOSAL CONSIDERATIONS

Dispose of unused product and contaminated packaging through an authorised waste disposal contractor in accordance with local regulations.

SECTION 14 – TRANSPORT INFORMATION

Regulation	Status
UN Number	Not Regulated
ADR/RID	Not Regulated
IMDG	Not Regulated



IATA

Not Regulated

SECTION 15 – REGULATORY INFORMATION

Prepared in accordance with:

- GHS Revision 9
- OSHA Hazard Communication Standard (29 CFR 1910.1200)
- Regulation (EC) No. 1907/2006 (REACH)
- Regulation (EC) No. 1272/2008 (CLP)
- Regulation (EU) 2020/878

SECTION 16 – OTHER INFORMATION

Frangipani Absolute is obtained by solvent extraction of the fragrant blossoms of *Plumeria alba* (or *Plumeria rubra* depending on botanical origin). It possesses an exceptionally luxurious tropical floral profile combining creamy white flowers, jasmine, orange blossom, peach, coconut, honey and soft spicy nuances. In fine perfumery it is widely used in white floral, tropical, solar, oriental and exotic bouquets. It blends beautifully with jasmine sambac, tuberose, ylang-ylang, gardenia, sandalwood, vanilla, benzoin, coconut, citrus oils and soft musks, imparting richness, elegance and remarkable floral diffusion.

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Prepared and Authorised By:

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