



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 of the Substance and Company

Parameter	Details
Product Name	Rose Bourbon Absolute
Botanical Name	<i>Rosa bourboniana</i> L.
Common Names	Bourbon Rose Absolute; Edward Rose Absolute
INCI Name	<i>Rosa Bourboniana Flower Extract</i>
CAS No.	97660-07-6
EC No.	307-515-2
Botanical Family	Rosaceae
Country of Origin	India
Plant Part Used	Flowers
Extraction Method	Solvent extraction
Product Type	Natural botanical absolute

The CAS and EC identifiers above are associated with *Rosa bourboniana* flower extract.

1.2 Relevant Identified Uses

- Professional perfumery ingredient
- Fragrance compounding
- Fine-fragrance manufacture
- Cosmetic fragrance development
- Soap and personal-care fragrance
- Home-fragrance formulations
- Research and evaluation by trained professionals

1.3 Uses Advised Against

- Internal consumption
- Direct application to skin without appropriate dilution and safety assessment
- Use in food or beverages
- Use by children
- Pharmaceutical use without applicable authorisation
- Household use by untrained persons

1.4 Supplier Details

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SECTION 2: HAZARD IDENTIFICATION

2.1 Classification of the Substance or Mixture

Rose Bourbon Absolute is a natural complex substance. Its precise classification depends on the batch-specific concentrations of naturally occurring constituents.

Based on the expected composition of concentrated rose absolutes, the following precautionary classification is applied:

- Skin Irritation – Category 2
- Skin Sensitisation – Category 1
- Eye Irritation – Category 2
- Hazardous to the Aquatic Environment, Chronic – Category 3
- Combustible liquid where the measured flash point falls within the applicable regulatory range

2.2 GHS Label Elements

Signal Word: Warning

Hazard Statements

- H315: Causes skin irritation.
- H317: May cause an allergic skin reaction.
- H319: Causes serious eye irritation.
- H412: Harmful to aquatic life with long-lasting effects.

Precautionary Statements

- P261: Avoid breathing vapour or mist.
- P264: Wash hands and exposed skin 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, protective clothing and eye protection.
- 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.
- P333+P313: If skin irritation or rash occurs, obtain medical advice.
- P337+P313: If eye irritation persists, obtain medical advice.
- P362+P364: Remove contaminated clothing and wash before reuse.
- P501: Dispose of contents and container in accordance with applicable regulations.



2.3 Other Hazards

- Concentrated botanical extracts may cause sensitisation in susceptible individuals.
- Natural composition may vary between harvests and production batches.
- Spilled material may create a slippery surface.
- Heating may generate irritating vapours.
- Oxidation during prolonged exposure to air may increase sensitisation potential.

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

3.1 Substance Description

A natural aromatic extract obtained by solvent extraction of the flowers of *Rosa bourboniana* cultivated in India. Indian Rose Bourbon Absolute is commercially described as a rich red or deep orange-amber material produced by solvent extraction of the flowers.

Component	CAS No.	Typical Status
<i>Rosa bourboniana</i> flower extract	97660-07-6	Principal natural complex substance
Phenethyl Alcohol	60-12-8	Naturally occurring constituent
Citronellol	106-22-9	Naturally occurring constituent
Geraniol	106-24-1	Naturally occurring constituent
Nerol	106-25-2	Naturally occurring constituent
Eugenol	97-53-0	Naturally occurring constituent
Methyl Eugenol	93-15-2	May occur naturally
Farnesol	4602-84-0	May occur naturally
Linalool	78-70-6	May occur naturally
Benzyl Alcohol	100-51-6	May occur naturally

The exact composition varies according to cultivar, harvest, climate, extraction conditions and batch.

SECTION 4: FIRST-AID MEASURES

4.1 Description of First-Aid Measures

Inhalation

Move the affected person to fresh air and keep them at rest.

Seek medical attention if coughing, dizziness, respiratory irritation or discomfort persists.

Skin Contact

Remove contaminated clothing.

Wash affected skin thoroughly with soap and water for at least 15 minutes.



Do not use solvents to clean the skin.

Seek medical advice if redness, irritation, swelling or rash develops.

Eye Contact

Immediately rinse cautiously with clean water for at least 15 minutes.

Remove contact lenses where present and easy to do.

Continue rinsing while keeping the eyelids open.

Obtain medical attention if irritation persists.

Ingestion

Rinse the mouth thoroughly with water.

Do not induce vomiting unless directed by medical personnel.

Never give anything by mouth to an unconscious person.

Seek medical advice and provide the product label or this Safety Data Sheet.

4.2 Most Important Symptoms and Effects

- Skin redness or irritation
- Allergic skin reaction
- Eye watering, redness or discomfort
- Nausea or gastrointestinal discomfort following ingestion
- Headache or respiratory irritation following excessive vapour exposure

4.3 Immediate Medical Attention

Treat symptomatically.

Persons with known fragrance allergies or sensitisation may require additional medical evaluation.

SECTION 5: FIRE-FIGHTING MEASURES

5.1 Suitable Extinguishing Media

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



5.2 Unsuitable Extinguishing Media

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

5.3 Specific Hazards

When heated or burned, the material may produce:

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

Containers exposed to fire may rupture due to pressure build-up.

5.4 Advice for Firefighters

Wear:

- Self-contained breathing apparatus
- Full protective clothing
- Chemical-resistant gloves

Cool exposed containers with water spray.

Prevent contaminated firefighting water from entering drains or waterways.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal Precautions

- Eliminate ignition sources.
- Ensure adequate ventilation.
- Avoid breathing vapour or mist.
- Avoid contact with skin and eyes.
- Wear suitable protective gloves and eye protection.
- Restrict access to the affected area.

6.2 Environmental Precautions

Prevent the material from entering:

- Drains
- Sewers
- Soil
- Surface water
- Groundwater



Notify the appropriate authority where a significant environmental release occurs.

6.3 Containment and Cleaning

Absorb spilled material using:

- Sand
- Vermiculite
- Universal absorbent
- Diatomaceous earth
- Other inert non-combustible absorbent

Collect the absorbed material in a suitable labelled waste container.

Clean the remaining surface with detergent and water.

Do not flush concentrated material into the drainage system.

SECTION 7: HANDLING AND STORAGE

7.1 Safe Handling

- Use in a well-ventilated area.
- Avoid direct contact with skin and eyes.
- Do not breathe concentrated vapours.
- Wear suitable personal protective equipment.
- Keep away from heat, sparks and open flames.
- Do not eat, drink or smoke while handling.
- Wash hands thoroughly after use.
- Keep containers closed when not in use.
- Use non-reactive and clean dispensing equipment.

7.2 Storage Conditions

Store:

- In the original tightly closed container
- In a cool, dry and well-ventilated area
- Away from sunlight and heat
- Away from strong oxidising agents
- Away from food, beverages and animal feed
- Out of the reach of children

Recommended Storage Temperature: 15–25 °C

For long-term preservation, reduced headspace and storage under inert gas may help limit oxidation.



7.3 Specific End Use

Professional fragrance and cosmetic formulation only.

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 Control Parameters

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

Workplace exposure limits applicable to individual constituents should be observed where relevant.

8.2 Engineering Controls

Provide:

- Adequate general ventilation
- Local exhaust ventilation where vapours may accumulate
- Accessible eyewash station
- Hand-washing facilities

8.3 Personal Protective Equipment

Eye and Face Protection

Wear chemical safety goggles or safety glasses with side protection.

Hand Protection

Wear chemical-resistant gloves, preferably:

- Nitrile rubber
- Neoprene
- Other gloves demonstrated to be resistant to fragrance materials

Replace contaminated or damaged gloves immediately.

Skin Protection

Wear suitable protective clothing or an apron where repeated or prolonged contact may occur.

Respiratory Protection

Respiratory protection is not normally required under adequate ventilation.

Where ventilation is insufficient or vapour concentrations are elevated, use an approved organic-vapour respirator.



Hygiene Measures

- Wash hands after handling.
- Remove contaminated clothing promptly.
- Wash contaminated clothing before reuse.
- Do not touch the face or eyes with contaminated gloves.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Property	Description
Physical State	Viscous liquid to semi-solid aromatic absolute
Appearance	Deep orange, orange-amber, red-brown or rich reddish liquid
Odour	Rich natural rose; honeyed, jam-like, fruity, musky, earthy and slightly vegetal
Odour Threshold	Not determined
pH	Not applicable
Melting/Freezing Point	Not determined
Initial Boiling Point	Not determined
Flash Point	Expected above approximately 80 °C; batch-specific testing required
Evaporation Rate	Not determined
Flammability	Combustible when sufficiently heated
Vapour Pressure	Low at ambient temperature
Vapour Density	Not determined
Relative Density at 20 °C	Typically approximately 0.95–1.05
Solubility in Water	Insoluble or practically insoluble
Solubility in Ethanol	Soluble; natural haze may occur
Solubility in Oils	Soluble
Partition Coefficient	Not determined for the complex mixture
Auto-Ignition Temperature	Not determined
Decomposition Temperature	Not determined
Viscosity	Medium to high; temperature dependent
Explosive Properties	Not expected to be explosive
Oxidising Properties	Not expected to be oxidising

Commercial descriptions identify the material as medium-to-thick, alcohol- and oil-soluble, with a deep red or orange-amber colour and a honeyed rose character.

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity

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

10.2 Chemical Stability



Stable when stored in a tightly closed container under recommended conditions.

The material may gradually oxidise when exposed to air, heat or light.

10.3 Possibility of Hazardous Reactions

Hazardous polymerisation is not expected.

10.4 Conditions to Avoid

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

10.5 Incompatible Materials

- Strong oxidising agents
- Strong acids
- Strong alkalis
- Reactive chemicals

10.6 Hazardous Decomposition Products

Thermal decomposition may produce:

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

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Acute Toxicity

No complete acute-toxicity data are available for the botanical extract as a whole.

Based on typical fragrance use, severe acute toxicity is not expected under normal professional handling.

11.2 Skin Corrosion or Irritation

Concentrated material may irritate the skin.



11.3 Serious Eye Damage or Irritation

Direct contact may cause eye redness, watering and irritation.

11.4 Respiratory or Skin Sensitisation

May cause an allergic skin reaction due to naturally occurring fragrance constituents.

Repeated or prolonged exposure may increase the risk of sensitisation.

11.5 Germ-Cell Mutagenicity

No product-specific data available.

11.6 Carcinogenicity

No product-specific classification has been established for the complete extract.

11.7 Reproductive Toxicity

No product-specific data available.

11.8 Specific Target-Organ Toxicity

No product-specific classification has been established.

11.9 Aspiration Hazard

Available information is insufficient to classify the product as an aspiration hazard.

11.10 Likely Routes of Exposure

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

SECTION 12: ECOLOGICAL INFORMATION

12.1 Ecotoxicity

Concentrated fragrance materials may be harmful to aquatic organisms.

Avoid uncontrolled release to the environment.

12.2 Persistence and Degradability



No complete product-specific data are available.

Many natural organic constituents are expected to undergo biodegradation, although the rate may vary.

12.3 Bioaccumulative Potential

Some naturally occurring fragrance constituents may have the potential to bioaccumulate.

12.4 Mobility in Soil

The material is poorly soluble in water and may adsorb to soil and sediment.

12.5 PBT and vPvB Assessment

No complete assessment is available for the natural complex substance.

12.6 Other Adverse Effects

Large releases may form a film on water surfaces and may affect aquatic oxygen transfer.

SECTION 13: DISPOSAL CONSIDERATIONS

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

Do not:

- Pour into drains
- Discharge into waterways
- Dispose of with ordinary household waste
- Reuse unclean containers

Empty containers may retain hazardous residue and vapours.

Disposal must comply with applicable local, regional and national regulations.

SECTION 14: TRANSPORT INFORMATION

Transport classification should be confirmed against the batch-specific flash point and the quantity being shipped.

Transport Information

UN Number

UN Proper Shipping Name

Transport Hazard Class

Classification

Not assigned based on available information

Not regulated unless batch testing indicates otherwise

Not assigned



Packing Group	Not applicable
Environmental Hazard	Avoid release; marine-pollutant status requires compositional review
Special Precautions	Protect from heat, leakage and container damage
Bulk Transport	Not intended for bulk transport under MARPOL/IBC

Where the measured flash point or composition meets dangerous-goods criteria, the material must be reclassified before shipment.

SECTION 15: REGULATORY INFORMATION

The product is intended for professional fragrance and cosmetic manufacture.

The INCI and identifier information for *Rosa bourboniana* extract is recognised in the European Commission CosIng ingredient database.

Users must ensure compliance with applicable requirements, including:

- Cosmetic-product legislation
- Workplace chemical-safety requirements
- Fragrance-allergen labelling
- IFRA Standards
- Environmental legislation
- Dangerous-goods transport rules
- Local waste-disposal requirements

IFRA explains that its Standards are voluntary industry risk-management requirements and do not replace compliance with national or regional regulations or a full safety assessment.

SECTION 16: OTHER INFORMATION

16.1 Product Description

Rose Bourbon Absolute – India is a rare natural extract obtained from the flowers of *Rosa bourboniana*. Indian material is described as possessing a rich, deep rose profile with honeyed, fruity, jam-like, musky, earthy and vegetal nuances.

16.2 Recommended Shelf Life

24 months from the manufacturing date when stored:

- In the original unopened container
- At 15–25 °C
- Away from direct sunlight, heat and moisture
- With minimum exposure to air

16.3 Abbreviations



- CAS: Chemical Abstracts Service
- EC: European Community number
- GHS: Globally Harmonized System
- INCI: International Nomenclature of Cosmetic Ingredients
- PBT: Persistent, Bioaccumulative and Toxic
- vPvB: Very Persistent and Very Bioaccumulative
- PPE: Personal Protective Equipment
- IFRA: International Fragrance Association

16.4 Revision Information

Parameter	Details
Document Title	MSDS – Rose Bourbon Absolute – India
Revision	1.0
Issue Date	25 July 2026
Prepared For	Aromology Trading LLC
Review Status	Professional representative document
Batch-Specific Review	Required where analytical data are available

Disclaimer

The information in this Material Safety Data Sheet is provided in good faith and is based on currently available information for *Rosa bourboniana* flower absolute and comparable natural rose extracts.

Because this product is a natural botanical material, its precise composition, physical properties and hazard classification may vary between batches. Any representative ranges or classifications in this document must be replaced or confirmed using the applicable supplier specification, batch-specific GC-MS data and measured flash point where the document is used for transport, regulatory submission or formal customer certification.

This Safety Data Sheet is intended as guidance for safe professional handling, storage, transport and disposal. It does not constitute a warranty of product properties or suitability for a particular application.

The user is responsible for:

- Determining suitability for the intended use
- Conducting a finished-product safety assessment
- Confirming applicable IFRA restrictions
- Calculating fragrance-allergen contributions
- Ensuring correct transport classification
- Complying with all applicable laws and regulations

Authorised by

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Director

Aromology Trading LLC