



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 Centifolia Absolute
Botanical Name	<i>Rosa centifolia</i> L.
Common Name	May Rose Absolute
INCI Name	<i>Rosa Centifolia Flower Extract</i>
CAS No.	84604-12-6
EC No.	283-289-8
FEMA No.	2988
Botanical Family	Rosaceae
Country of Origin	India
Plant Part Used	Flowers
Extraction Method	Solvent Extraction
Product Type	Natural Botanical Absolute

The substance is identified under the EU as Rose, *Rosa centifolia*, extract, covering extracts, concretes, absolutes and essential oils obtained from *Rosa centifolia*.

1.2 Recommended Uses

- Professional perfumery
- Cosmetic fragrance ingredient
- Fine fragrance manufacture
- Soap and detergent fragrance
- Home fragrance
- Candles
- Incense

1.3 Uses Advised Against

- Internal consumption
- Pharmaceutical use
- Food use
- Direct undiluted skin application
- Use by children

1.4 Supplier

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SECTION 2: HAZARD IDENTIFICATION

2.1 GHS Classification

According to representative published SDS data for Rose Centifolia Absolute:

- Skin Irritation – Category 2
- Serious Eye Damage – Category 1
- Skin Sensitisation – Category 1
- Aquatic Chronic Toxicity – Category 3

Signal Word

Danger

Hazard Statements

- H315 Causes skin irritation.
- H317 May cause an allergic skin reaction.
- H318 Causes serious eye damage.
- H412 Harmful to aquatic life with long lasting effects.

Precautionary Statements

- P261 Avoid breathing vapours or mist.
- P264 Wash thoroughly after handling.
- P272 Contaminated work clothing should not leave 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.
- P333+P313 If skin irritation or rash occurs, obtain medical advice.
- P310 Immediately call a physician after serious eye exposure.
- P501 Dispose of contents according to local regulations.

Hazardous Constituents

Representative natural constituents contributing to classification include:

- Phenethyl Alcohol



- Citronellol
- Geraniol
- Nerol
- Eugenol
- Methyl Eugenol
- Benzyl Alcohol
- Limonene

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

Component	CAS No.	Typical Status
<i>Rosa centifolia</i> Flower Extract	84604-12-6	Principal constituent
Phenethyl Alcohol	60-12-8	Naturally occurring
Citronellol	106-22-9	Naturally occurring
Geraniol	106-24-1	Naturally occurring
Nerol	106-25-2	Naturally occurring
Eugenol	97-53-0	Naturally occurring
Methyl Eugenol	93-15-2	Naturally occurring
Linalool	78-70-6	Naturally occurring
Benzyl Alcohol	100-51-6	Naturally occurring
Farnesol	4602-84-0	Naturally occurring

Natural composition varies with harvest season, geographical origin and extraction process.

SECTION 4: FIRST AID MEASURES

Inhalation

Move to fresh air.

Seek medical attention if irritation persists.

Skin Contact

Wash thoroughly with soap and water.

Remove contaminated clothing.

Seek medical attention if sensitisation develops.

Eye Contact

Flush immediately with water for at least 15 minutes.

Remove contact lenses if present.



Obtain immediate medical attention.

Ingestion

Rinse mouth.

Do not induce vomiting.

Seek immediate medical attention.

Symptoms

- Skin irritation
- Allergic skin reaction
- Serious eye irritation or damage
- Mild gastrointestinal irritation

SECTION 5: FIRE FIGHTING MEASURES

Suitable Extinguishing Media

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

Unsuitable Media

High-pressure water jet.

Hazardous Combustion Products

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

Protective Equipment

Self-contained breathing apparatus and full protective clothing.

SECTION 6: ACCIDENTAL RELEASE MEASURES

- Wear PPE.
- Remove ignition sources.
- Prevent environmental release.
- Absorb with inert material.



- Transfer to suitable waste containers.
- Wash spill area with detergent.

SECTION 7: HANDLING AND STORAGE

Handling

- Avoid contact with skin and eyes.
- Avoid inhaling vapours.
- Use adequate ventilation.
- Keep containers tightly closed.

Storage

Store:

- 15–25 °C
- Dry, cool location
- Away from direct sunlight
- Away from oxidising agents
- In tightly sealed original containers

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering Controls

- Local exhaust ventilation
- General ventilation

PPE

Eyes: Chemical safety goggles

Hands: Nitrile gloves

Skin: Protective clothing

Respiratory: Organic vapour respirator where ventilation is inadequate

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Property	Typical Value
Appearance	Viscous liquid to semi-solid
Colour	Yellow to orange-red
Odour	Rich rosy, honeyed, floral, green and balsamic
Flash Point	Approximately 100 °C
Density (20 °C)	0.950–1.100



Refractive Index	1.495–1.520
Water Solubility	Insoluble
Alcohol Solubility	Soluble
Vapour Pressure	Low
Explosive Properties	None expected
Oxidising Properties	None expected

Representative physical properties are consistent with commercial specifications for Rose Centifolia Absolute.

SECTION 10: STABILITY AND REACTIVITY

Stable under recommended storage conditions.

Avoid:

- Heat
- Light
- Air exposure
- Strong oxidisers

Hazardous decomposition products:

- Carbon monoxide
- Carbon dioxide
- Organic decomposition products

SECTION 11: TOXICOLOGICAL INFORMATION

Expected hazards:

- Skin irritation
- Serious eye damage
- Skin sensitisation
- Mild respiratory irritation

No evidence of significant acute toxicity during intended professional use.

SECTION 12: ECOLOGICAL INFORMATION

- Harmful to aquatic organisms.
- Avoid release into drains or waterways.
- Poorly soluble in water.
- Naturally biodegradable over time.

SECTION 13: DISPOSAL CONSIDERATIONS



Dispose of contents and contaminated packaging through licensed chemical waste contractors.

Do not discharge into:

- Sewers
- Watercourses
- Soil

SECTION 14: TRANSPORT INFORMATION

Parameter	Status
UN Number	Not classified under normal transport
Proper Shipping Name	Not regulated
Hazard Class	Not assigned
Packing Group	Not assigned
Marine Pollutant	Evaluate for bulk shipments
Special Precautions	Protect from heat and leakage

Transport classification should always be verified using the batch-specific flash point and composition.

SECTION 15: REGULATORY INFORMATION

This material is intended exclusively for professional fragrance manufacture.

Applicable regulations include:

- Regulation (EC) No. 1272/2008 (CLP)
- REACH Regulation
- Regulation (EC) No. 1223/2009 (Cosmetics)
- IFRA Standards
- Local occupational safety legislation

The substance is listed in the ECHA inventory as Rose, *Rosa centifolia*, extract (CAS 84604-12-6 / EC 283-289-8).

SECTION 16: OTHER INFORMATION

Shelf Life

24 months when stored in unopened original containers under recommended conditions.

Abbreviations

- CAS – Chemical Abstracts Service
- EC – European Community Number
- GHS – Globally Harmonized System



- INCI – International Nomenclature Cosmetic Ingredient
- PPE – Personal Protective Equipment
- IFRA – International Fragrance Association

Disclaimer

This Safety Data Sheet has been prepared using representative technical and regulatory information for Rose Centifolia Absolute – India (CAS 84604-12-6). Because this material is a natural botanical extract, analytical values, constituent concentrations and physical properties may vary between production batches due to botanical origin, seasonal variation and extraction conditions. Batch-specific analytical data should be used whenever regulatory, transport or customer documentation requires precise values.

Authorised by

Fozia Khot

Director

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