



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 Identifier

Product Name: Tuberose Absolute

Common Name: Indian Tuberose Absolute

Botanical Name: *Polianthes tuberosa* L. (syn. *Agave amica*)

INCI Name: *Polianthes Tuberosa* Flower Extract

CAS Number: 91770-55-1

EC Number: 294-862-0

Product Type: Natural Absolute

Extraction Method: Solvent Extraction of Fresh Flowers

Country of Origin: India

Recommended Use

Perfumery raw material intended for fragrance creation, cosmetic manufacture and aromatic applications.

Professional use only.

Supplier

Aromology Trading LLC
G05 Al Ghazal Building
Nadd Al Hamar
Dubai, United Arab Emirates

Email: info@aromology.com
Website: www.aromology.com



SECTION 2: Hazard Identification

Classification (GHS)

Based on available information for natural floral absolutes, this material is classified as:

- Skin Sensitisation – Category 1
- Skin Irritation – Category 2
- Eye Irritation – Category 2A
- Hazardous to the Aquatic Environment (Chronic) – Category 3

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 vapours.
- P272 Contaminated work clothing should not be allowed out of the workplace.
- 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.
- P501 Dispose of contents/container according to local regulations.

SECTION 3: Composition / Information on Ingredients

Component	CAS No.	Concentration
Tuberose Absolute (<i>Polianthes tuberosa</i> L.)	91770-55-1	100%

SECTION 4: First Aid Measures

Inhalation



Move the affected person to fresh air.

Seek medical attention if symptoms persist.

Skin Contact

Wash thoroughly with soap and water.

Remove contaminated clothing.

Seek medical advice if irritation or sensitisation develops.

Eye Contact

Flush immediately with plenty of water for at least 15 minutes.

Remove contact lenses if present.

Seek medical attention if irritation persists.

Ingestion

Rinse mouth.

Do not induce vomiting.

Seek immediate medical advice.

SECTION 5: Fire Fighting Measures

Suitable Extinguishing Media

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

Hazardous Combustion Products

- Carbon monoxide
- Carbon dioxide
- Irritating organic fumes



Firefighters should wear self-contained breathing apparatus.

SECTION 6: Accidental Release Measures

Wear appropriate PPE.

Prevent release into drains and waterways.

Absorb with inert material such as sand or vermiculite.

Transfer to suitable labelled disposal containers.

SECTION 7: Handling and Storage

Avoid contact with skin and eyes.

Use only with adequate ventilation.

Store tightly closed in original containers.

Protect from direct sunlight and excessive heat.

Keep away from oxidising agents.

Recommended Storage Temperature: 15–25 °C

SECTION 8: Exposure Controls / Personal Protection

Eye Protection

Chemical safety goggles.

Hand Protection

Chemical-resistant nitrile gloves.

Respiratory Protection

Organic vapour respirator where ventilation is inadequate.



Body Protection

Protective laboratory clothing.

SECTION 9: Physical and Chemical Properties

Property	Specification
Appearance	Dark orange to reddish-brown viscous liquid / semi-solid
Odour	Rich floral, creamy, narcotic, exotic, green, honey-like
Physical State	Viscous liquid / Semi-solid
Relative Density (20 °C)	0.950–1.020
Refractive Index (20 °C)	1.4700–1.5200
Flash Point	>75 °C
Solubility	Insoluble in water
Solubility in Ethanol	Soluble

SECTION 10: Stability and Reactivity

Stable under recommended storage conditions.

Avoid excessive heat, direct sunlight and strong oxidising agents.

Hazardous decomposition products include carbon monoxide and carbon dioxide.

SECTION 11: Toxicological Information

- May cause skin irritation.
 - May cause allergic skin reactions.
 - Causes serious eye irritation.
 - No known chronic health hazards under normal conditions of intended use.
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SECTION 12: Ecological Information

Harmful to aquatic organisms with long-lasting effects.

Avoid uncontrolled release into the environment.



Expected to be biodegradable.

SECTION 13: Disposal Considerations

Dispose of contents and containers according to applicable local, regional and national regulations.

Do not discharge into drains or waterways.

SECTION 14: Transport Information

Item	Information
UN Number	Not Regulated
Proper Shipping Name	Not Regulated
Transport Hazard Class	Not Classified
Packing Group	Not Applicable
Marine Pollutant	No

SECTION 15: Regulatory Information

Prepared in accordance with:

- Globally Harmonized System (GHS)
 - REACH Regulation (EC) No. 1907/2006
 - CLP Regulation (EC) No. 1272/2008
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SECTION 16: Other Information

Tuberose Absolute (India) is obtained by solvent extraction of the fresh flowers of *Polianthes tuberosa* cultivated in India. It is one of the most prized floral absolutes in perfumery, renowned for its luxurious creamy white floral character with green, honeyed, fruity and narcotic nuances. It is widely used in fine fragrance, white floral bouquets, oriental, amber and luxury perfume compositions, where it contributes exceptional richness, elegance and lasting diffusion.

The information contained in this Safety Data Sheet is believed to be accurate at the date of issue and is intended solely as guidance for the safe handling, storage, transport



and use of this material. It does not constitute a warranty regarding product performance or suitability for any particular application.

Authorised By:
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Director