



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: Tulipifera Leaves Absolute
Botanical Name: *Liriodendron tulipifera* L.
INCI Name: Liriodendron Tulipifera Leaf Extract
CAS Number: 91722-42-8
EC Number: 294-440-2
Product Use: Perfumery Raw Material

Supplier

Aromology Trading LLC
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SECTION 2 – HAZARD IDENTIFICATION

GHS Classification

This material is not classified as hazardous according to the Globally Harmonized System (GHS) based on currently available information.

Signal Word

None

Hazard Statements

Not classified.

Natural botanical extracts may cause skin sensitisation in susceptible individuals.

Avoid prolonged or repeated contact with skin and eyes.

Precautionary Statements



P261 Avoid breathing vapours.

P264 Wash thoroughly after handling.

P272 Contaminated work clothing should not leave the workplace.

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 in accordance with local regulations.

SECTION 3 – COMPOSITION / INFORMATION ON INGREDIENTS

Component	Information
Product	Tulipifera Leaves Absolute
Botanical Source	<i>Liriodendron tulipifera</i> L.
CAS Number	91722-42-8
Purity	100% Natural Botanical Absolute
Extraction Method	Solvent extraction of leaves

SECTION 4 – FIRST AID MEASURES

Inhalation

Move exposed person to fresh air.

Seek medical advice if symptoms persist.

Skin Contact

Wash thoroughly with soap and water.

Remove contaminated clothing.

If irritation develops seek medical attention.

Eye Contact



Flush immediately with clean water for at least 15 minutes.

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

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

Unsuitable Media

Direct water jet.

Hazardous Combustion Products

Carbon monoxide

Carbon dioxide

Smoke

Irritating organic vapours

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Wear suitable PPE.

Prevent entry into drains or waterways.



Absorb with inert absorbent material such as sand or vermiculite.

Collect into suitable containers for disposal.

Wash contaminated area with detergent.

SECTION 7 – HANDLING AND STORAGE

Use only in well-ventilated areas.

Avoid unnecessary skin contact.

Keep container tightly closed.

Protect from direct sunlight.

Recommended storage temperature:

10–25 °C

Store in original tightly sealed containers.

SECTION 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering Controls

General mechanical ventilation.

Personal Protective Equipment

Eye Protection

Safety glasses.

Hand Protection

Nitrile or neoprene gloves.

Respiratory Protection

Normally not required.



Use suitable respirator where ventilation is insufficient.

Skin Protection

Protective laboratory clothing.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Property	Value
Appearance	Viscous liquid to semi-solid
Colour	Dark green to olive brown
Odour	Green, leafy, woody, balsamic, earthy, slightly sweet
Relative Density (20 °C)	0.95–1.05 (Typical)
Flash Point	>65 °C (Estimated)
Solubility	Insoluble in water
Solubility in Alcohol	Soluble
Refractive Index	Not determined
Vapour Pressure	Not determined

SECTION 10 – STABILITY AND REACTIVITY

Stable under recommended storage conditions.

Avoid

Strong oxidising agents

Heat

Open flames

Excessive air exposure

Hazardous Decomposition Products

Carbon oxides

Smoke

Organic decomposition products



SECTION 11 – TOXICOLOGICAL INFORMATION

No specific toxicological studies are available for this botanical absolute.

Information is based on naturally occurring plant extracts.

Likely Routes of Exposure

- Skin
- Eyes
- Inhalation

Acute Toxicity

No data available.

Skin

May cause irritation in sensitive individuals.

Possible allergic reaction following repeated exposure.

Eyes

May cause temporary irritation.

Inhalation

High vapour concentrations may cause respiratory discomfort.

Ingestion

May produce gastrointestinal discomfort.

Carcinogenicity

Not classified.

Mutagenicity

No known data.

Reproductive Toxicity



No known data.

SECTION 12 – ECOLOGICAL INFORMATION

Avoid uncontrolled release into the environment.

Expected to be biodegradable.

No specific ecotoxicological data available.

Natural botanical material.

SECTION 13 – DISPOSAL CONSIDERATIONS

Dispose of contents through an approved waste contractor.

Do not discharge into drains.

Dispose in accordance with national and local environmental regulations.

SECTION 14 – TRANSPORT INFORMATION

Regulation		Status
UN Number	Not regulated	
ADR/RID	Not regulated	
IMDG	Not regulated	
IATA	Not regulated	

Not classified as dangerous goods for transport.

SECTION 15 – REGULATORY INFORMATION

Prepared in accordance with:

- Globally Harmonized System (GHS Revision 9)
- OSHA Hazard Communication Standard (29 CFR 1910.1200)



- Regulation (EC) No. 1907/2006 (REACH)

SECTION 16 – OTHER INFORMATION

Tulipifera Leaves Absolute is a natural botanical extract obtained from the leaves of *Liriodendron tulipifera* by solvent extraction for use as a professional perfumery raw material. The CAS number 91722-42-8 is associated with *Liriodendron tulipifera* leaf-derived materials, and available safety references do not classify the material as hazardous under GHS.

This product is intended solely for fragrance creation, research, and professional perfumery applications. It is not intended for direct cosmetic, therapeutic, or food use unless appropriately formulated and evaluated by the manufacturer.

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