



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: Tolu Balsam TEC 50%

Common Name: Tolu Balsam 50% in Triethyl Citrate (TEC)

Botanical Name: *Myroxylon balsamum* (L.) Harms var. *balsamum*

INCI Name: *Myroxylon Balsamum* Resin / Triethyl Citrate

CAS Number (Tolu Balsam): 9000-64-2

Product Type: Resin Solution (50% in TEC)

Extraction Method: Natural Balsam diluted in Triethyl Citrate

Origin: Colombia

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 Tolu Balsam diluted in Triethyl Citrate:

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

Signal Word

Warning

Hazard Pictograms

- GHS07 – Exclamation Mark

Hazard Statements

- 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 or mist.
- 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 in accordance with local regulations.

SECTION 3: Composition / Information on Ingredients

Component	CAS No.	Approx. Concentration
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Component	CAS No.	Approx. Concentration
Tolu Balsam	9000-64-2	50%
Triethyl Citrate (TEC)	77-93-0	50%

SECTION 4: First Aid Measures

Inhalation

Move to fresh air. Seek medical attention if symptoms persist.

Skin Contact

Wash thoroughly with soap and water.

Remove contaminated clothing.

Seek medical attention if sensitisation develops.

Eye Contact

Flush with water for at least 15 minutes.

Obtain medical attention if irritation persists.

Ingestion

Rinse mouth.

Do **not** induce vomiting.

Seek 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 suitable PPE.

Prevent entry into drains.

Absorb using inert absorbent material.

Transfer to suitable disposal containers.

SECTION 7: Handling and Storage

Avoid prolonged skin contact.

Use only in well-ventilated areas.

Store tightly closed.

Protect from direct sunlight.

Store at **15–25 °C**.

Keep away from strong oxidising agents.

SECTION 8: Exposure Controls / Personal Protection

Eye Protection

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	Clear amber to dark amber viscous liquid
Odour	Warm, sweet, balsamic, vanilla-like, resinous
Physical State	Liquid
Relative Density (20 °C)	1.050–1.130
Refractive Index (20 °C)	1.4700–1.5200
Flash Point	>100 °C
Solubility	Insoluble in water
Solubility in Ethanol	Soluble

SECTION 10: Stability and Reactivity

Stable under normal storage conditions.

Avoid excessive heat and strong oxidising agents.

Hazardous decomposition products include carbon monoxide and carbon dioxide.

SECTION 11: Toxicological Information

- May cause allergic skin reactions.
- May cause eye irritation.
- Repeated skin exposure may result in sensitisation due to naturally occurring cinnamic and benzoic esters.



SECTION 12: Ecological Information

Avoid release into waterways.

Expected to be biodegradable.

Harmful to aquatic organisms with long-lasting effects.

SECTION 13: Disposal Considerations

Dispose of contents and containers according to local and national regulations.

Do not discharge into drains.

SECTION 14: Transport Information

Item	Information
UN Number	Not Regulated
Transport Class	Not Classified
Packing Group	Not Applicable
Marine Pollutant	No

SECTION 15: Regulatory Information

Prepared in accordance with:

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

Tolu Balsam TEC 50% is a 50% solution of natural Tolu Balsam from *Myroxylon balsamum* resin in Triethyl Citrate (TEC). The dilution improves handling while preserving



the balsamic, warm, vanilla-like, cinnamon and resinous character valued in fine perfumery. It is widely used in amber, oriental, gourmand, leather and tobacco accords as a natural fixative and base note.

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 and use of this material.

Authorised By:
Fozia Khot
Director