



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: Triethyl Citrate Natural

Chemical Name: Triethyl 2-hydroxypropane-1,2,3-tricarboxylate

Common Name: TEC

CAS Number: 77-93-0

EC Number: 201-070-7

Product Type: Natural Solvent / Fixative / Aroma Ingredient

Recommended Use: Perfumery raw material. 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: Not classified as hazardous under GHS/CLP based on available information.

Signal Word: Not required.

Hazard Statements: Not applicable.

Precautionary Statements:

Use good industrial hygiene practice. Avoid prolonged contact with skin and eyes. Keep container tightly closed.

SECTION 3: Composition

Component	CAS No.	Concentration
Triethyl Citrate Natural	77-93-0	≥99%

SECTION 4: First Aid Measures

Inhalation: Move to fresh air.

Skin: Wash with soap and water.

Eyes: Rinse cautiously with water.

Ingestion: Rinse mouth. Seek medical advice if symptoms occur.



SECTION 5: Fire Fighting Measures

Use carbon dioxide, dry powder, foam or water spray. Combustion may produce carbon monoxide and carbon dioxide.

SECTION 6: Accidental Release Measures

Wear suitable PPE. Absorb with inert material and collect into suitable containers. Prevent entry into drains.

SECTION 7: Handling and Storage

Handle with good ventilation. Avoid eye and prolonged skin contact. Store tightly closed in a cool, dry place away from heat and oxidising agents.
Recommended storage: 15–25 °C.

SECTION 8: Exposure Controls / PPE

Use safety goggles, nitrile gloves and protective clothing. Respiratory protection is normally not required with adequate ventilation.

SECTION 9: Physical and Chemical Properties

Property	Specification
Appearance	Clear colourless to pale yellow liquid
Odour	Mild, faintly sweet, almost odourless
Flash Point	>150 °C
Relative Density	1.135–1.145
Refractive Index	1.4410–1.4450
Boiling Point	Approx. 294 °C
Water Solubility	Slightly soluble
Ethanol Solubility	Soluble

SECTION 10: Stability and Reactivity

Stable under recommended storage conditions. Avoid strong oxidising agents and excessive heat.

SECTION 11: Toxicological Information

Low acute toxicity expected. May cause mild eye or skin irritation with prolonged exposure.

SECTION 12: Ecological Information



Not expected to be highly hazardous to the environment. Avoid uncontrolled release.

SECTION 13: Disposal Considerations

Dispose according to local and national regulations.

SECTION 14: Transport Information

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

SECTION 15: Regulatory Information

Prepared according to GHS, REACH and CLP requirements.

SECTION 16: Other Information

Triethyl Citrate Natural (TEC) is a high-purity, low-odour solvent and fixative used in perfumery to dilute resins, absolutes and aroma materials. It improves handling, stability and blending performance.

Authorised By:

Fozia Khot

Director, Aromology Trading LLC