

Safety Data Sheet (SDS)

Product Name: (-)-Di-p-toluoyl-L-tartaric Acid

CAS Number: 32634-66-5

EC Number: 251-131-7

Molecular Formula: C₂₀H₁₈O₈

Molecular Weight: 386.35 g/mol

1. Identification

Product identifier

(-)-Di-p-toluoyl-L-tartaric Acid

Recommended use

Laboratory chemical, analytical reagent, chiral resolving agent, technical compound for research and laboratory use.

Supplier

Rexar

Genestetstraat 3

2394 XK Hazerswoude Rijndijk

Netherlands

info@rexar.nl

2. Hazard Identification

Classification according to Regulation (EC) No. 1272/2008 (CLP)

Skin Irritation, Category 2

H315 Causes skin irritation

Eye Irritation, Category 2

H319 Causes serious eye irritation

Label elements

Hazard pictogram

GHS07 (Exclamation mark)

Signal word

Warning

Hazard statements

H315 Causes skin irritation

H319 Causes serious eye irritation

Precautionary statements

P264 Wash thoroughly after handling

P280 Wear protective gloves and eye protection

P302 + P352 IF ON SKIN: Wash with plenty of water

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing

P332 + P313 If skin irritation occurs: Get medical advice/attention

P337 + P313 If eye irritation persists: Get medical advice/attention

3. Composition / Information on Ingredients

Substance

(-)-Di-p-toluoyl-L-tartaric Acid

CAS Number

32634-66-5

EC Number

251-131-7

Molecular Formula

C₂₀H₁₈O₈

Purity

Typically 97–98% or higher depending on batch/supplier.

4. First Aid Measures

General advice

Remove contaminated clothing. Seek medical advice if symptoms persist.

Inhalation

Move person to fresh air. Seek medical attention if irritation develops.

Skin contact

Wash thoroughly with soap and water. Seek medical attention if irritation persists.

Eye contact

Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. Seek medical attention if irritation persists.

Ingestion

Rinse mouth with water. Do not induce vomiting unless directed by medical personnel. Seek medical attention if discomfort occurs.

5. Fire Fighting Measures

Suitable extinguishing media

Water spray, dry chemical powder, carbon dioxide or foam.

Specific hazards

Combustion or thermal decomposition may produce carbon oxides and irritating fumes.

Protective equipment

Firefighters should wear appropriate protective equipment and self-contained breathing apparatus.

6. Accidental Release Measures

Personal precautions

Use appropriate personal protective equipment. Avoid dust formation and avoid contact with skin and eyes.

Environmental precautions

Prevent large quantities from entering drains or waterways.

Methods for cleanup

Sweep up carefully without creating dust and place in a suitable closed container for disposal.

7. Handling and Storage

Handling

Handle in accordance with good laboratory practice. Avoid dust formation and direct contact with skin and eyes.

Storage

Store in a cool, dry and dark place in a tightly closed container. Some suppliers indicate hygroscopic behavior; protect from moisture. Room temperature storage is commonly indicated, preferably in a cool, dark place.

8. Exposure Controls / Personal Protection

Engineering controls

Use adequate ventilation or local exhaust.

Personal protective equipment

Eye protection

Safety glasses or chemical splash goggles

Skin protection

Protective gloves

Respiratory protection

Dust mask or suitable respiratory protection if dust is generated

9. Physical and Chemical Properties

Appearance

White to light yellow powder or crystalline solid.

Odor

No specific data available

Melting point
Approx. 172 °C (decomposition).

Solubility
Soluble in methanol; limited water solubility expected.

10. Stability and Reactivity

Stability
Stable under recommended storage conditions.

Conditions to avoid
Moisture, excessive heat, strong light and dust formation.

Incompatible materials
Strong oxidizing agents.

Hazardous decomposition products
Carbon oxides and irritating fumes under fire conditions.

11. Toxicological Information

Acute toxicity
No specific acute toxicity data identified in the sources reviewed.

Skin irritation
Causes skin irritation.

Eye irritation
Causes serious eye irritation.

12. Ecological Information

Ecotoxicity
No specific ecotoxicological data identified in the sources reviewed.

Persistence and degradability
No specific data available.

13. Disposal Considerations

Dispose of material in accordance with local, regional and national regulations.
Dispose through a licensed chemical waste contractor.

14. Transport Information

UN number
Not regulated for transport.

Transport hazard class

Not classified as dangerous goods for ADR, IMDG or IATA.

15. Regulatory Information

Classification according to EU CLP Regulation (EC) No. 1272/2008.

Skin Irritation Category 2 – H315

Eye Irritation Category 2 – H319

16. Other Information

This Safety Data Sheet is provided for laboratory safety guidance.

The product is supplied as a chemical substance for analytical, technical or research applications only.

Not intended for human or animal consumption or for medical use.