

# Material Safety Data Sheet

Hazardous according to criteria of  
Worksafe Australia

Product Code: 814152

## trans-Stilbene for synthesis

### Identification

**Product Name:**

**trans-Stilbene for synthesis**

**Other Names:**

trans-Stilbene

trans-1,2-Diphenylethylene

**Product Code:** 814152

**UN Number:** None allocated

**Dangerous Goods Class & Subsidiary Risk:** None allocated

**Packaging Group:** None allocated

**Hazchem Code:** None allocated

**Poisons Schedule Number:** None allocated

**Use:** General laboratory reagent

EEC #: Not Applicable.

### Physical Description and Properties

**Form:** crystals

**Colour:** colourless

**Odour:** pH value

**Boiling point:** 306 - 307 °C

**Melting point:** 121 - 124 °C

**Vapour pressure:** Not Relevant

**Vapour density:** Not Relevant

**Upper flammability limit:** Not Relevant

**Lower flammability limit:** Not Relevant

**Ignition temperature:** Not Relevant

**Log P(o/w):** Not Relevant

**Specific gravity:** No Data

**Density:** Not Relevant

**Solubility in Water:**

Immiscible or insoluble

**Other information:**

No hazardous product as specified in Directive 67/548/EEC.

**Unsuitable working materials:**

No information available

**Conditions and substances to be avoided:**

Conditions to be avoided

no information available

Substances to be avoided

oxygen.

<b>Ingredients</b>	<b>CAS Number</b>	<b>Proportion</b>
trans-Stilbene	103-30-0	100%

All constituent chemicals are listed in the Australian Inventory of Chemical Substances (AICS).

**Safety data sheet for: trans-Stilbene for synthesis**

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**Health Hazard Information:**

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**Toxicological information:**

Acute toxicity

LD50 (oral, mouse): 920 mg/kg

**After inhalation of vapours:****After eye contact:****After skin contact:****After ingestion:****Other information:**

The data available to us do not suffice to permit any industrial-toxicological assessment. Hazardous properties cannot be excluded.

The product should be handled with the care usual when dealing with chemicals.

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**First Aid Information:**

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**Eye contact:**

Irrigate thoroughly with water for at least 15 minutes. If discomfort persists obtain medical attention.

**Inhalation:**

Remove from exposure, rest and keep warm. In severe cases obtain medical attention.

**Skin contact:**

Wash off skin thoroughly with water. Remove contaminated clothing and wash before re-use. In severe cases, OBTAIN MEDICAL ATTENTION.

**Ingestion:**

Wash out mouth thoroughly with water and give plenty of water to drink. OBTAIN MEDICAL ATTENTION.

**Advice to doctors:**

Eye and skin contact: rinse out with water. Remove contaminated clothing. After inhalation: fresh air. If swallowed: make the victim drink plenty of water, induce vomiting. Consult doctor if feeling unwell.

**First aid facilities:**

Eyewash facilities.

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**Worksafe information:**

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**Foreign Exposure limits:**

None assigned

**Peak limit:****Carcinogen information:****Other precautions:**

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**Safety data sheet for: trans-Stilbene for synthesis**

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**Precautions for use:**

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**Engineering controls:**

Carefully take up dry.

**Personal protection****Respirator:**

not required

Ensure respirator is clean, well-fitting and in good working order. All respirators should comply with Australian Standard AS 1716 and be used in accordance with AS 1715.

**Gloves:**

required

**Eye protection:**

required

**Special risks:**

Combustible.

**Suitable extinguishing media:**

powder, CO<sub>2</sub>, foam.

**Hazardous decomposition products**

no information available

**Other precautions:**

Wash hands after working with substance.

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**Safe Handling Information:**

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**UN Number:** None allocated

**Dangerous Goods Class and Subsidiary Risk:** None allocated

**Packaging Group:** None allocated

**Risk:**

**Storage:**

Handling: No further requirements.

Storage: Store tightly closed. At room temperature (recommendation: +15 to +25°C).

**Spillage and disposal:**

Wear appropriate protective clothing.

Mix with sand, transfer carefully to container and arrange removal by disposal company. Wash site of spillage thoroughly with water and detergent.

For large spillages liquids should be contained with sand or earth and both liquids and solids transferred to salvage containers. Any residues should be treated as for small spillages.

No environmental hazard is anticipated provided that the material is handled and disposed of with due care and attention.

Chemical residues are generally classified as special waste, and as such are covered by regulations which vary according to location. Contact your local waste disposal authority for advice, or pass to a chemical disposal company. Rinse out empty containers thoroughly before returning for recycling.

Product: There are no uniform Australian Regulations for the disposal of chemicals or residues. Chemical residues generally count as special waste. The disposal of the latter is regulated in Australia through Commonwealth, State, Territory or Local government laws and regulations. We recommend that you contact either the authorities in charge or licenced waste disposal companies which will advise you on how to dispose of special waste.

**Safety data sheet for: trans-Stilbene for synthesis**

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**Safe Handling Information:**

Packaging: Disposal in compliance with official regulations. Handle contaminated packaging in the same way as the substance itself. If not officially specified differently, non-contaminated packaging may be treated like household waste or recycled.

**Fire and explosion:**

Combustible.

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**Other Information:****\*EC Hazard symbols:**

**Risk codes:**

**Safety codes:**

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**\* Key to hazard symbols**

Xn = Harmful, Xi = Irritant, T = Toxic, T+ = Very toxic, C = Corrosive, C+ = Very corrosive, F = Flammable, F+ = Very flammable E = Explosive, N = Dangerous for the environment, H = Worksafe undefined hazardous substance

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**Contact Point**

Operations Manager  
(03) 9728-5855  
Monday through Friday 8:00 am to 5 PM (EST)

**Manufacturer's Advice**

This Material Safety Data Sheet (MSDS) summarises our best knowledge of the health and safety hazard information of the product and how to safely handle and use the product in the workplace.

Each user should read this MSDS and consider the information in the context of how the product will be handled and used in the workplace. The use should be considered also in conjunction with other products.

If clarification or further information is needed to ensure that an appropriate risk assessment can be made, the user should contact this company.

Our responsibility for products sold is subject to our standard terms and conditions - a copy of which is sent to our customers, and is also available upon request.