

1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

Product name : trans -Stilbene

2. HAZARDS IDENTIFICATION

Classification of the substance or mixture

According to Regulation (EC) No1272/2008  
Acute toxicity, Oral (Category 4)

Eye irritation (Category 2)

Chronic aquatic toxicity (Category 2)

According to European Directive 67/548/EEC as amended.

Harmful if swallowed. Irritating to eyes. Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Label elements

Pictogram 

Signal word Warning

Hazard statement(s)

H302 Harmful if swallowed.  
H319 Causes serious eye irritation.  
H411 Toxic to aquatic life with long lasting effects.

Precautionary statement(s)

P273 Avoid release to the environment.  
P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Hazard symbol(s)

N Dangerous for the environment

R-phrases(s)

R22 Harmful if swallowed.  
R36 Irritating to eyes.  
R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

S-phrases(s)

S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.  
S36/37 Wear suitable protective clothing and gloves.  
S61 Avoid release to the environment. Refer to special instructions/ Safety data sheets.

Other hazards - none

3. COMPOSITION/INFORMATION ON INGREDIENTS

Synonyms : trans-1,2-Diphenylethylene

Formula : C14H12

Molecular Weight : 180,25 g/mol

CAS-No.	EC-No.		Classification	Concentration
trans-Stilbene 103-30-0	203-098-5	-	Acute Tox. 4; Eye Irrit. 2; Aquatic Chronic 2; H302, H319, H411 N, R22 - R36 - R51/53	-

For the full text of the H-Statements mentioned in this Section, see Section 16.

4. FIRST AID MEASURES

If inhaled

If breathed in, move person into fresh air. If not breathing give artificial respiration Consult a physician.

In case of skin contact

Wash off with soap and plenty of water. Consult a physician.

In case of eye contact

Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.

If swallowed

Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

Special protective equipment for fire-fighters

Wear self contained breathing apparatus for fire fighting if necessary.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions

Avoid dust formation. Ensure adequate ventilation.

Environmental precautions

Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.

Methods and materials for containment and cleaning up

Pick up and arrange disposal without creating dust. Keep in suitable, closed containers for disposal.

7. HANDLING AND STORAGE

Precautions for safe handling

Avoid contact with skin and eyes.

Provide appropriate exhaust ventilation at places where dust is formed. Normal measures for preventive fire protection.

Conditions for safe storage

Store in cool place. Keep container tightly closed in a dry and well-ventilated place.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Personal protective equipment

Respiratory protection

Where risk assessment shows air-purifying respirators are appropriate use a dust mask type N95 (US) or type P1 (EN 143) respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Hand protection

The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and the standard EN 374 derived from it.

Handle with gloves.

Eye protection

Safety glasses with side-shields conforming to EN166

Skin and body protection

Choose body protection according to the amount and concentration of the dangerous substance at the work place.

Hygiene measures

Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance

Form crystalline

Colour white

Safety data

pH	no data available
Melting point	123 - 125 °C - lit.
Boiling point	305 - 307 °C at 992 hPa - lit.
Flash point	no data available
Ignition temperature	no data available
Lower explosion limit	no data available
Upper explosion limit	no data available
Density	0,97 g/mL at 25 °C
Water solubility	no data available
Partition coefficient: n-octanol/water	log Pow: 4,271

10. STABILITY AND REACTIVITY

Chemical stability

Stable under recommended storage conditions.

Conditions to avoid

no data available

Materials to avoid

Oxidizing agentsStrong oxidizing agents

Reactivity

no data available

Stability

no data available

Reactivity

no data available

Stability

no data available

Reactivity

no data available

Stability

no data available

Reactivity

no data available

Stability

no data available

Reactivity

no data available

Stability

no data available

Reactivity

no data available

Stability

no data available

Reactivity

no data available

Stability

no data available

Reactivity

no data available

Stability

no data available

Reactivity

no data available

Stability

no data available

Reactivity

no data available

Stability

no data available

Reactivity

no data available

Stability

no data available

Reactivity

no data available

Stability

no data available

Reactivity

no data available

Stability

no data available

Reactivity

no data available

Stability

no data available

Reactivity

no data available

Stability

no data available

Reactivity

no data available

Stability

no data available

Reactivity

no data available

Stability

no data available

Reactivity

no data available

Stability

no data available

Reactivity

no data available

Stability

no data available

Reactivity

no data available

Stability

no data available

Reactivity

no data available

Stability

no data available

Reactivity

no data available

Stability

no data available

Reactivity

no data available

Stability

no data available

Reactivity

no data available

Stability

no data available

Reactivity

no data available

Stability

no data available

Reactivity

no data available

Stability

no data available

Reactivity

no data available

Stability

no data available

Reactivity

no data available

Stability

no data available

LookChem  
Look for Chemicals

www.lookchem.com

For R&D use only. Not for drug, household or other uses.

WARRANTY:

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. Lookchem shall not be held liable for any damage resulting from handling or from contact with the above product. See reverse side of invoice or packing slip for additional terms and conditions of sale.