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

trans -Stilbene Product name

Classification of the substance or mixture

2. HAZARDS IDENTIFICATION

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

Hazard statement(s) Harmful if swallowed. H302

Causes serious eye irritation. H319 H411

Toxic to aquatic life with long lasting effects. Precautionary statement(s)

Avoid release to the environment. P273 P305 + P351 + P338IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Warning

Hazard symbol(s)

Dangerous for the environment

R-phrase(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-phrase(s) In case of contact with eyes, rinse immediately with plenty of water and

S26 seek medical advice. S36/37 Wear suitable protective clothing and gloves.

Avoid release to the environment. Refer to special instructions/ Safety data S61 sheets.

Other hazards - none

3. COMPOSITION/INFORMATION ON INGREDIENTS

: trans-1,2-Diphenylethylene

Synonyms

CAS-No.

Formula C14H12 180,25 g/mol Molecular Weight

EC-No.

trans-Stilbe ne

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.

Classification

Concentration

If breathed in, move person into fresh air. If not breathing give artificial respiration Consult a physician. In case of skin contact

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

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

4. FIRST AID MEASURES

If inhaled

Wash off with soap and plenty of water. Consult a physician. In case of eye contact

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

Environmental precautions

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

Methods and materials for containment and cleaning up

environment must be avoided.

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

Conditions for safe storage

Personal protective equipment

protection.

Respiratory protection Where risk assessment shows air-purifying respirators are appropriate use a dust mask type N95 (US) or

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

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.

Skin and body protection

Eye protection Safety glasses with side-shields conforming to EN166

type P1 (EN 143) respirator. Use respirators and components tested and approved under appropriate

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

Form Colour

Melting point

Ignition temperature

Appearance

рΗ

Boiling point 305 - 307 °C at 992 hPa - lit. Flash point no data available

9. PHYSICAL AND CHEMICAL PROPERTIES

no data available Water solubility Partition coefficient: log Pow: 4,271 n-octanol/water 10. STABILITY AND REACTIVITY Chemical stability Stable under recommended storage conditions. Conditions to avoid no data available

Acute toxicity Skin corrosion/irritation no data available

no data available

Hazardous decomposition products

11. TOXICOLOGICAL INFORMATION

Genotoxicity in vitro - Histidine reversion (Ames) Carcinogenicity

no data available

no data available

Inhalation

Ingestion

Skin

investigated.

Potential health effects

Additional Information

RTECS: WJ4926500

no data available

Mobility in soil no data available

Reproductive toxicity

Causes eye irritation. Eyes Signs and Symptoms of Exposure To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly

Harmful if swallowed.

May be harmful if inhaled. May cause respiratory tract irritation.

May be harmful if absorbed through skin. May cause skin irritation.

IARC: No component of this product present at levels greater than or equal to 0.1% is identified as

probable, possible or confirmed human carcinogen by IARC.

no data available Persistence and degradability no data available **Bioaccumulative potential**

Product Observe all federal, state, and local environmental regulations. Contact a licensed professional waste disposal service to dispose of this material. Dissolve or mix the material with a combustible solvent and burn

13. DISPOSAL CONSIDERATIONS

IMDG UN-Number: 3077 Class: 9

IATA

R36

R51/53

This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006.

Eye Irrit. Eye irritation Harmful if swallowed. H302

> Toxic to aquatic life with long lasting effects. Dangerous for the environment

environment. **Further information**

www.lookchem.com

15. REGULATORY INFORMATION

Packing group: III

Packing group: III

Packing group: III

Causes serious eye irritation. H319

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

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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.

EMS-No: F-A, S-F

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.

Pick up and arrange disposal without creating dust. Keep in suitable, closed containers for disposal. 7. HANDLING AND STORAGE

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

government standards such as NIOSH (US) or CEN (EU).

Handle with gloves.

work place. Hygiene measures

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

white Safety data

crystalline

no data available

123 - 125 °C - lit.

no data available

no data available

no data available

0,97 g/mL at 25 °C

Hazardous decomposition products formed under fire conditions. - Carbon oxides

Lower explosion limit Upper explosion limit

Density

Materials to avoid Oxidizing agents Strong oxidizing agents

Respiratory or skin sensitization no data available Germ cell mutagenicity

Serious eye damage/eye irritation

Reproductive toxicity - rat - Oral Paternal Effects: Testes, epididymis, sperm duct. Paternal Effects: Other effects on male. Specific target organ toxicity - single exposure Specific target organ toxicity - repeated exposure no data available Aspiration hazard

12. ECOLOGICAL INFORMATION **Toxicity**

PBT and vPvB assessment no data available Other adverse effects Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

in a chemical incinerator equipped with an afterburner and scrubber. Contaminated packaging Dispose of as unused product.

14. TRANSPORT INFORMATION

ADR/RID UN-Number: 3077 Class: 9 Proper shipping name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S.

Proper shipping name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (trans-Stilbene) Marine pollutant: No

UN-Number: 3077 Class: 9 Proper shipping name: Environmentally hazardous substance, solid, n.o.s.

16. OTHER INFORMATION Text of H-code(s) and R-phrase(s) mentioned in Section 3

Acute Tox. Acute toxicity Chronic aquatic toxicity Aquatic Chronic

H411 N R22

> WARRANTY: The above information is believed to be correct but does not purport to be all inclusive and shall be