



NANJING LEPUZ CHEMICAL CO., LTD

Sales office: RM1119 Transocean Tower, No.7 Qingjiang South Road, Nanjing, China

Plant site: No.198 Tongda Road, Touqiao Town, Hanjiang district, Yangzhou, China

Website: www.lepuz.com.cn

Material Safety Data Sheet

LeColor® OB-1

1. Identification of substance/preparation and the company/Undertaking

Chemical characterization	4, 4-bis (2-tert-benzoxazolyl) stilbene
CAS Number	1533-45-5
Producer/Supplier	NANJING LEPUZ CHEMICAL CO., LTD
Phone number	+86 25-85356257
Telefax	+86 25-58836709

2. Composition/Information on Ingredients

CAS number	Product Name	Content
1533-45-5	4,4-bis(2-tert-benzoxazolyl)stilbene	98.5%

3. Hazards identification

Low hazard for usual industrial or commercial handling by trained personnel

4. First Aid Measures

Skin contact

Wash off with soap and plenty of water. Do not use organic solvents.

Eye contact

Rinse immediately with plenty of water for at least 15 minutes. In case of eye irritation, seek medical attention.

Inhalation

Move to fresh air. In case of irritation of respiratory system or mucous membranes, seek medical attention. In case of Indisposition, seek medical attention. In case of prolonged exposure, seek medical a attention.

Ingestion

Immediately give plenty (>500ml) of water (if possible charcoal slurry). Incase of spontaneous vomiting be sure that Vomits can freely drain due of danger of suffocation. Give water repeatedly. Artificial induction of vomiting should be restricted to first aid staff. Give nothing by mouth in cases of unconsciousness or convulsion. Seek medical advice.

5. Fire-Fighting Measures

Suitable extinguishing media

Water spray, carbon dioxide (co2), foam, Dry powder

Extinguishing meda which must not be used for safety reasons

High volume water jet

Exposure hazards

Contaminated water from fire hoses or sprinklers, etc., must be prevented from draining into watercourses, sewers, or the ground water. Sufficient measures must be taken to retain water used for extinguishing. Contaminated water and soil must be disposed of in conformity with local regulations.

Special protective equipment for firefighters

Wear full protective clothing. Wear self-contained breathing apparatus.



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Hazardous decomposition products

Oxides of carbon, Oxides of nitrogen(NOX), Oxides of sulfur, Toxic gases/vapours

6. Accidental Release Measures

Personal precautions

Do not breathe vapors/dust. Remove all sources of ignition. Avoid contact with skin, eyes and clothing.

Environmental precautions

Do not flush into surface water, sanitary sewer or ground water system.

Methods for cleaning up

Use mechanical handling equipment. Collect the spilled product into suitable containers, which must be tightly sealed and properly labeled. Avoid dust formation.

7. handling and Storage

Handling

Handle and open container with care. Avoid dust formation and ignition sources. Ensure good local exhaust ventilation.

Do not eat, drink or smoke at the workplace.

Storage

Keep away from food and drink. Store in the original container securely closed.

Protect from heat, Danger! Explosion risk. Risk of explosion if an air-dust mixture forms. Avoid creating dusty conditions.

Empty only into earthed containers. If container is larger than 2000liter in volume, or when flammable solvents are Present inert container or use a system otherwise designed to prevent or contain an explosion—seek expert advice.

8. Exposure Controls/Personal Protection

Exposure limit(s)

Value not tested

Technical measures/precautions

Exposure limit(s) should be monitored using suitable analytical equipments.

Respiratory protection

Effective dust mask

Hand protection

Protective gloves

Eye protection

Suitable goggles or face protection

Skin and body protection

Working clothes, closed footwear

9. Physical and Chemical properties

Form	powder
Color	yellow greenish
Odor	odorless
Melting/freezing temperature	>355°C
Boiling point/range	not tested
Flash point	not tested
Ignition Temperature	not tested



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Oxidizing properature	not tested
Self-ignition temperature	not tested
Water solubility^{20°C}	<1mg/l
Vapor pressure ^{20°C}	2 not tested
Partition coefficient; Log Pow ^{20-25°C}	not tested
PH-value 1% suspension in water^{20-25°C}	6.2
Explosive properties	not tested
10. Stability and reactivity	
Decomposition temperature	not tested
Conditions to avoid	Static discharges.
Materials to avoid	Strong acids, strong bases and Strong oxidizing agents.
Hazardous decomposition products	Oxides of carbon, Oxides of Nitrogen (Nox), Oxides of sulfur; Toxic gases/vapors
11. Toxicological Information	
Acute oral toxicity	LD50 >2000mg/kg
Rat	
Acute dermal	not irritant
Irritation/corrosion	
Rabbit	
Acute eye irritation/corrosion	not irritant
Rabbit	
Acute skin sensitization	not irritant
12. Ecological Information	
Acute toxicity to fish	96 h LC50 >100mg/l
Acute toxicity to daphnia	24 h EC50 >100mg/l
Acute toxicity to bacteria	3 h IC50 >200mg/l
Acute toxicity to algae	EC50 not tested
Biodegradability	not biodegradable
Ecotoxic effects	Do not discharge product unmonitored into the environment.
13. Disposal considerations	
Waste from residues/unused products	Residual chemical should be disposed by incineration or by other modes of disposal in compliance with local legislation.
Contaminated packaging	Contaminated packing material should be treated equivalent to residual chemical. Clean packaging material should be subjected to waste management schemes (recovery recycling, reuse) according to local legislation.
14. Transport information	



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Flash point	not tested
ADR/RID	Class: Free
IMO	Class: Free
ICAO	Class: Free

15. Regulatory Information

CAS Number	1533-45-5
Contains	4, 4-bis (2-tert-benzoxazolyl) stilbene
Classification	Self-classification

16. Other Information

This product should be stored, handle and used in accordance with good industrial hygiene practices and in conformity with any legal regulation. The information contained herein is based on the present state of our knowledge and is intended to describe our products from the point of view of safety requirements. It should not therefore be construed as guaranteeing specific properties.

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