

# **LONGBRITE OB-1**

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## **1. Identification of the substance / Preparation and Company**

1.1 Commercial Product Name: LONGBRITE OB-1

1.2 Company undertaking identification

Manufacturer: **Longchem C & S International Corp.**

Identification of the company:

**No.46, Dou-Kung 2 Rd, Dou-Liu City,  
Yun-Lin Hsien, 64069 Taiwan, R.O.C.  
Telephone number: 886-5-557-4403**

## **2. Hazardous Components**

Hazard symbol: warning

Classification system

GHS ratings

Acute toxicity(oral)	5
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## **3. Composition/Information on Ingredient**

2.1 Chemical characterization: 4,4'-bis(2-benzoxazol-2-yl) stilbene

2.2 CAS No.: 1533-45-5

2.3 EINECS No.: 216-245-3

## **4. First Aid Measures**

4.1 After inhalation: In case of over-exposure to dust, remove victim to fresh air and give CPR/oxygen if needed

4.2 After contact with the skin: Wash with soap and water

4.3 After contact with the eyes: Flush eye with plenty of water for 15 minutes

4.4 After ingestion: seek medical advice

## **5. Fire Fighting Measures**

5.1 Extinguishing Media: water spray, dry chemical

5.2 Special Fire-Fighting Procedure: wear self-contained breathing apparatus and protective clothing.

- 5.3 Hazardous combustion Products: carbon dioxide, carbon monoxide, oxides of nitrogen
- 5.4 Usual fire and explosion hazards: powder material may form explosive dust-air mixture.

## **6. Accidental Release Measures**

Sweep or scoop up and remove  
Avoid raising dust

## **7. Handling and Storage**

Caution! Concentrated dust may present explosion hazard. Avoid eye and skin contact.  
Store in tightly closed containers. Protect against static charge. Keep away from oxidizing materials. Prevent dust formation.

## **8. Exposure Controls / Personal Protection**

- 8.1 Technical measures: In case of dust being formed, provides for adequate extraction.
- 8.2 Respiratory protection: In case of dusts be formed
- 8.3 Hand protection: Impermeable gloves to minimize skin contact
- 8.4 Eye protection: Chemical goggles
- 8.5 Other protection equipment: Eye wash fountain, safety shower. Wash contaminated clothing before re-use

## **9. Physical / Chemical Properties**

- 9.1 Appearance: powder
- 9.2 Color: yellow
- 9.3 Odor: odorless
- 9.4 Melting Point: 356 ~ 362 °C
- 9.5 Boiling point: not applicable
- 9.6 Specific Gravity: Approx. 1.39 @25 °C
- 9.7 Solubility: 0.02mg/liter water @20 °C; negligible
- 9.8 Sensitivities to mechanical impact: intensive at 550 inch-pounds

## **10. Stability and Reactivity**

- 10.1 Stability: stable
- 10.2 Incompatibility: material can react with strong oxidizing agents.
- 10.3 Hazardous Polymerization: will not occur

## **11. Toxicological Information**

11.1 LD<sub>50</sub>: (oral, rat) > 3200 mg/kg ( highest dose tested)

11.2 LD<sub>50</sub>: (mouse) > 3200 mg/kg ( highest dose tested)

11.3 Skin : slightly irritating

11.4 Eyes irritating :slight

## **12.Ecological Information**

No environmental problems expected if handled and treated with standard industry practices and local regulation where applicable

## **13.Disposal Considerations**

Observe local/national byelaws

## **14.Transport Information**

14.1 This product is not a dangerous goods in IMDG (sea transport) Status and ICAO (air transport) Status. Prevent from falling, dropping and damage.

## **15.Regulatory Information**

### **15.1 Product related hazard informations**

H-CODES	H302	Harmful if swallowed.
	H412	Harmful to aquatic life with long lasting effects
P-CODES	P273	Avoid release to the environment.

15.2 OSHA Classification: non-hazardous

15.3 NFPA Hazards Ratings: Health –1, Flammability-1, Instability-0

## **16.Others**

The above information describes exclusively the safety requirements of the product(s) and is based on our present-day knowledge. It does not represent a guarantee for the properties of the product(s) in terms of the legal warranty regulations.