

# Specialty Data Sheet

**TRADE NAME:**

**Fluorescent Brightener OB-1**

## **1.SUBSTANCE/PREPARTION AND COMPANY**

Chemical characterization 1,4-bis(benziazolyl-2-yl-)ethylene

**Company :** guangzhou yulong chem. company

**Emergency information :** Add:Hubing Road GaoYou City Jiangsu Province

Tel:0514-84543189

Fax:0514-85024060

## **2.COMPOSITION/INFORMATION ON INGREDIENTS**

**Chemical nature :** Benzoxazole

**Chemical formula :** C<sub>28</sub>H<sub>18</sub>N<sub>2</sub>O<sub>2</sub>

**C.I. Fluorescent Brightener 393**

**C.A.S .№1533-45-5 C.I.40674**

## **3.HAZARD IDENTIFICATION**

Risk of serious damage to eyes.

## **4.FIRST-AID MEASURES**

**General advice:** Remove contaminated clothing .

**If inhaled :** Keep patient calm ,remove to fresh air and treat symptomatically.

**On skin contact :** Wash with soap and water ,if symptoms occur ,consult physician.

**On contact with eyes :** Wash affected eyes for at least 15 minutes under running water with eyelids held open ,consult an eye specialist.

**On ingestion** rinse mouth and then drink plenty of water.

## **5.FIRE-FIGHTING MEASURES**

Fire extinguishing agents: Water spray ,foam,powder,carbon,dioxide.

Restrictions: No Restrictions

Fire/explosion hazard: None.

Main combustion gas: Carbon-,sulphur oxides.

Personal protection :**Self contained breathing apparatus.**

## **6.ACCIDENTAL RELEASE MEASURES**

**Personal precautions :** Do not breathe dust .

**Environmental precautions:** Do not let product enter drains. Avoid dust formation .

**Method for cleaning up:** Contain With dust binding material and dispose.

## **7.HANDLING AND STORAGE**

**Handling :** Breathing must be protected when large quantities are decanted without local exhaust

ventilation .

**Protection against fire and explosion:**

Take precautionary measures against static discharges.

**Storage:** Keep tightly closed in a dry, cool and well ventilated place. Direct sources of heat must be avoided and open containers must be allowed to stand over extended periods of time. Position containers so that any labeling information on the containers is visible.

**Caution :** keep this product well sealed. keep in cool, dry place. close containers immediately after use.

## **8. EXPOSURE CONTROLS AND PERSONAL PROTECTION**

Additional information on the lay-out of technical plant (See 7).

**Personal protective equipment**

**Technical measures/precautions**

No special precautions required.

**Respiratory protection:** Do not breathe dust

**Eye protection:** Goggles

**General safety and hygiene measures:**

The usual precautions for the handling of chemicals must be observed.

## **9. PHYSICAL AND CHEMICAL PROPERTIES**

**Form:** dry power

**Colour :** Bright yellow

**Odour :** odourless

Change in physical state

**Flash point:** N/A. High Melting Material

Melting point: 351-353°C

**Explosion hazard:** any organic compound, dust explosion hazard.

**Vapour pressure:** N/A

**Solubility in water:** insoluble

**Solubility in other solvent:**

**PH value:** N.D.A

Soild content: ≥ 99.5%

## **10. STABILITY AND REACTION**

**Stability :** stable

**Conditions to avoid:** Against moisture

**Incompatibility :** Strong oxidizing agent

**Hazardous decomposition products:**

When involved in a fire, burning organic pigments may evolve noxious fumes which may include carbon monoxide, nitrous oxides, or other toxic compounds, depending on the pigments type .

**Hazardous Polymerization:** Will not occur

**Conditions to avoid:** None known

## **11. TOXICOLOGICAL INFORMATION**

**Acute Toxicity:** -LD50 oral >5000mg/kg Rat

-LD50 dermal >5000mg/kg Rat

**Sensitizing:**No data available

## **12. ECOLOGICAL INFORMATION**

**Elimination information:** The products is not very soluble in water and can thus be virtually removed from water mechanically in suitable effluent treatment plants.

## **13. DISPOSAL CONSIDERATION**

**Product:** Must be made in accordance with Federal State and local regulations.

**Contaminated packaging:** Uncontaminated packs can be re-used. Packs that can not be cleaned should be disposed of in the same manner as the contents.

## **14. TRANSPORT INFORMATION**

Not classified as hazardous under transport regulations.

## **15. REGULATORY INFORMATION**

Labeling according to EEC directives

Not subject to labelling

National legislation/regulations

**Water hazard class:**generally non water hazardous

## **16. OTHER INFORMATION**

N/A =not application

N.D.A=no data available

The information contained herein is based on the present state of our knowledge and does not therefore guarantee certain properties.

Recipients of our product must take responsibility for observing laws and regulatio