

LONGSORB P

1. Identification of the Substance/Preparation and Company

1.1 Commercial Product Name : LONGSORB P

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 Identification

Hazard symbol: warning

Classification system

GHS ratings

Acute toxicity(oral)	5
Hazard for substances hazardous to the environment	3

3. Composition/Information on Ingredients

Composition	CAS-No.	EINECS No.	Purity [%]
2(2'-hydroxy-5'-methylphenyl) Benzotriazole	2440-22-4	219-470-5	99% min

4. First-Aid Measures

- 4.1 After inhalation: Remove victim to fresh air. In case of irritation of respiratory system of mucous membranes, or if you feel unwell or in case of prolonged exposure, get medical attention.
- 4.2 After contact with the skin: Wash with plenty of soap and water. Do not use organic solvents.
- 4.3 After contact with the eyes: Flush eye with plenty of water for 15 minutes. In case of eye irritation get medical attention.
- 4.4 Ingestion: Affected person should drink 500~800 ml water, if possible with suspended activated carbon for medical use. In case of spontaneous vomiting be sure that vomit can freely drain because of danger of suffocation. Give water repeatedly. Artificial induction of vomiting should be restricted to first aid staff. Give nothing by mouth in case of unconsciousness or convulsions. Get medical attention.

5. Fire-Fighting Measures

- 5.1 Fire-fighting media: water mist, foam , carbon dioxide or dry chemical.
- 5.2 Thermal Decomposition : > 350 °C
- 5.3 Hazardous Thermal Decomposition: May release oxides of carbon and other toxic gases and vapors.
- 5.4 Exposure Hazards: Do not release chemically contaminated water into drains, soil or surface waters. Sufficient measures must be taken to retain water used for extinguishing. Dispose of contaminated water and soil according to local regulations.

6. Accidental Release Measures

- 6.1 Personal precautions: Do not breathe dust. Avoid ignition sources. Avoid contact with skin, eyes and clothing.
- 6.2 Environmental precautions: Prevent contamination of soil, drains and surface waters.
- 6.3 Method for cleaning: Take up mechanically and place in suitable, closable container for disposal, avoiding formation of dust.

Collect and remove to disposal container without creating a dust condition. Observe all relevant Federal, State and local laws and regulations. Obey relevant local State and Federal laws and regulations. Do not contaminate any lakes, streams ponds or underground water supply.

7. Handling and Storage

Handling: Irritant! Handle with care. Avoid eye and skin contact. Store in tightly closed containers. Ensure good ventilation and local exhaust. Do not eat, drink or smoke at the workplace.

Storage: Keep away from food and drink. Store in the original container securely closed and not exceeding 40 °C. Protect from heat.

8. Exposure Control/Personal Protection

- 8.1 Respiratory Protection: In case of exposure, use appropriate NIOSH approved respiratory protective equipment.
- 8.2 Ventilation: Recommended.
- 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 and Chemical Properties

- 9.1 Appearance: Slightly yellow powder
- 9.2 Odor: odorless
- 9.3 Sense of Smell Valve :—
- 9.4 pH value (3g / liter water) : —
- 9.5 Melting point : 128~132 °C
- 9.6 Boiling point :225 °C
- 9.7 Flammability(Solid,Gas) : —
- 9.8 Decomposition Temperature : —
- 9.9 Flash point : 205 °C
- 9.10 Autoignition Temperature : —
- 9.11 Explosion Limits :—
- 9.12 Vapor pressure : <0.01 Pa@20 °C
- 9.13 Density: 1.4g/cm³ @25 °C
- 9.14 Solubility in water : <1mg /L@20 °C
- 9.15 Log Kow : —
- 9.16 Volatiles Content : 0.5% Max.

10.Stability and Reactivity

- 10.1 Stability: stable
- 10.2 Store Temperature : 18 ~25 °C
- 10.3 Conditions to avoid: static discharge
- 10.4 Materials to avoid: strong oxidizing agents , strong bases and strong acids.

11.Toxicological Information

- 11.1 LD₅₀ (oral in rats): >2,000mg
- 11.2 Skin irritation tested on rabbits: non-irritant
- 11.3 Eye irritation ordination tested on rabbits: slightly irritant
- 11.4 Skin sensitization on guinea pigs: sensitizing

12.Ecological Information

- 12.1 LC₅₀ (Fish): > 100mg/L

12.2 EC₅₀ (Daphnia): >1,000mg/L

12.3 IC₅₀ (Bacteria): >100mg/L

12.4 Ready Bio-degradability: not degradable

13. Disposal Considerations

Incineration or landfill in accordance with local regulations. Contaminated packaging material should be disposed of identically to the product itself. Not contaminated packaging material should be treated as household waste or as recycling material.

14. Transport Information

Proper Shipping Name: None

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

14.2 ADR/RID (land transport): Not regulated and restricted.

15. Regulatory Information

H-CODES	H317	May cause an allergic skin reaction.
P-CODES	P262	Do not get in eyes, on skin, or on clothing.

15.1 The new classification and labelling system according to CLP regulation (EC) No 1272/2008

15.2 List on USA TSCA inventory.

16. Other Information

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.