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# Tradeasia International Pte Limited

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## Material Safety Data Sheet Of Lithopone

### Product Identification

CAS NO. : 1345-05-7  
EINECS NO. : 215-715-5  
FORMULA : ZnS·BaSO<sub>4</sub>  
MOL WT. : 330.80  
SYNONYMS : Zinc Baryta White; Zinc Sulfide White.

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### First Aid Measures

#### **Skin:**

take off contaminated clothing, flush skin with plenty of water.

#### **Eyes:**

flush eyes with plenty of water. Seek medical attention if symptoms persist.

#### **Ingestion:**

give several glasses of water to drink to dilute. If large amounts were swallowed, get medical advice.

#### **Inhalation:**

remove to fresh air. Get medical attention for any breathing difficulty.

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### Physical Data

PHYSICAL STATE : White powder  
SPECIFIC GRAVITY : 4.3  
pH : Neutral  
STABILITY : Stable under ordinary conditions

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### Fire-Fighting Measures

#### **Extinguishing media:**

This product does not burn or support combustion. Use extinguishing media appropriate for surrounding fire.

#### **Hazards:**

This product is non-flammable.

#### **Protection:**

Wear a self-contained breathing apparatus with a full facepiece operated in the positive pressuredemand mode with appropriate turn out gear and chemical resistant personal protective equipment.

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## Toxicological Information

### **Acute Toxicity :**

Acute Oral LD50: N/A

Acute Dermal LD50: N/A

Acute Inhalation LC50: N/A

EYES: No adverse effects expected but dust may cause mechanical irritation. SKIN: May cause mild skin irritation.

INGESTION: Dust may be slightly irritating. Nausea, vomiting, diarrhea might occur.

INHALATION: May cause respiratory tract irritation with coughing and sneezing.

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## Preventive Measures

### **Accidental Release Measures**

#### **Personal precautions:**

wear protective equipment to prevent skin and eye contamination and inhalation of dust.

#### **Environmental precautions:**

prevent entry into sewers or streams and other water bodies.

#### **Disposal methods:**

use appropriate tools to put the spilled material into a sealed container and hold for Reuse or later disposal.

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## **Handling And Storage**

### **Handling:**

Keep packages closed when not being used. Use with adequate ventilation. No smoking, eating and drinking water at workplace. Avoid prolonged or repeated exposure.

### **Storage:**

Store in dry place, keep away from moisture and avoid physical damages.

### **Precautions:**

Please pay attention to SECTION stability and reactivity CONDITIONS TO AVOID and MATERIALS TO AVOID.

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## Protective Measures

### **Engineering Controls:**

Use adequate exhaust ventilation to keep airborne concentrations below the allowable exposure limits.

### **Respiratory Protection:**

Dustproof respirators.

### **Hand Protection:**

Protective gloves.

### **Eye Protection:**

Safety glasses. Goggles.

### **Skin And Body Protection:**

Resistant protective clothing.

### **Hygiene Precautions:**

No smoking, eating and drinking water at workplace. Washing hands before eating. Taking bath after work.

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## **Stability And Reactivity**

### **Stability:**

Stable.

### **Conditions To Avoid:**

Incompatible materials, High temperatures, moisture.

### **Materials To Avoid:**

Strong acids.

### **Hazardous Polymerization:**

Will not occur.

### **Hazardous Decomposition Products:**

May produce Sulfur Oxides and H<sub>2</sub>S

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