

河北捷润科技有限公司

Hebei JRain Technology Co., Ltd.

Date: Dec 13th,2024

Material Safety Data Sheet

Lithopone

Section 1: Chemical Product and Company Identification

Product Name: Lithopone

Supplier: HEBEI JRAIN TECHNOLOGY CO.,LTD.

Add: No. 66 XIANGTAI ROAD, YUHUA DISTRICT, SHIJIAZHUANG CITY, HEBEI PROVINCE,CHINA

Tel:86-311-80680379 Fax:86-311-08680380

Section 2: Composition/Information on ingredients

Product Name:Lithopone

CAS No: 1345-05-7

Chemical Formula: ZnS BaSO_4

Molecular Weight: 330.80

Issue Date:2021.01.19

Valid Date:2024.01.19

Section 3: Hazards identification

Potential Acute Health Effects:

Very hazardous in case of skin contact (irritant), of eye contact (irritant), of ingestion, of inhalation (lung irritant). Hazardous in case of skin contact (permeator). Slightly hazardous in case of skin contact (corrosive).

Inflammation of the eye is characterized by redness, watering, and itching.

Skin inflammation is characterized by itching, scaling, reddening, or, occasionally, blistering.

Potential Chronic Health Effects:

Repeated or prolonged exposure is not known to aggravate medical condition.

Section 4: 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.corrosive. Seek medical attention immediately.

Section 5: Fire and Explosion Data

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PHYSICAL STATE	White powder
SPECIFIC GRAVITY	4.3
pH	6.5
STABILITY	Stable under ordinary conditions

Section 6: 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.

Section 7: 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.

Section 8: Exposure controls/Personal protection

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.

Section 9: Physical&chemical properties

Appearance and Odor: white powder, weak odor

Density: 2.71 g/mL at 25 °C (lit.)

Melting Point: 770 °C

Boiling Point: 330 °C at 760 mmHg

Solubility: Soluble in water

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Section 10: Stability & Reactivity Data

Stability: Stable.

Instability Temperature: Not available.

Conditions of Instability: Not available.

Incompatibility with various substances:

The product may undergo hazardous decomposition, condensation or polymerization, it may react violently with water to emit toxic gases or it may become self-reactive under conditions of shock or increase in temperature or pressure.

Special Remarks on Reactivity: May undergo autopolymerization.

Special Remarks on Corrosivity: Not available.

Section 11: 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.

Section 12: Ecological Information

Ecotoxicity: Not available.

Products of Biodegradation:

Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise.

Toxicity of the Products of Biodegradation:

The products of degradation are as toxic as the original product.

Special Remarks on the Products of Biodegradation: Not available.

Waste Disposal: Waste must be disposed of in accordance with federal, state and local environmental control regulations.

Section 14: Transport information

Shipping Name: Lithopone

Special Provisions for Transport: Non-hazardous goods

Section 15: Other Regulatory information

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Non-toxic white powder, insoluble in water, with acids released H_2S decomposition, and hydrogen sulfide and alkali doesn't work. It can improve the heat resistant, good weathering resistance, prevent algae, reduce cost and its excellent shielding force whiteness.

Section 16: Other information

The data provided in this material safety data sheet is meant to represent typical data/analysis for this product and is correct to the best of our knowledge. The data is obtained from current and reliable sources, but is supplied without warranty, expressed or implied, regarding its correctness or accuracy. It is the user's responsibility to determine safe conditions for the use of this product, and to assume liability for loss, injury, damage or expense arising from improper use of this product. The information provided does not constitute a contract to supply to any specification, or for any given application, and buyers should seek to verify their requirements and product use.

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