

SAFETY DATA SHEET

1. Identification of the substance and company:

Product Name: LITHOPONE B301

CAS NO.: 1345-05-7

Molecular formula: $ZnS.BaSO_4$

2. Composition/information on ingredients:

Chemical characterization: Non-hazardous

3. Hazards Identification: Non-hazardous goods

4. First aid measures:

General information:

Remove contaminated clothing immediately and dispose of safely.

After contact with skin:

In case of contact with skin wash off immediately with soap and water.

After contact with eyes:

In case of contact with eyes rinse thoroughly with plenty of cool water and seek medical advice.

5. Fire-fighting measures:

Suitable extinguishing media: Water spray jet/foam/Carbon Dioxide/Dry Powder

Special hazards from the substance itself, its combustion products or from its vapours.

In case of fires, hazardous combustion gas would be formed:

Carbon Monoxide CO

Nitrous Gas NOX

Special protective equipment for firefighting:

Use self-contained breathing apparatus.

6. Accidental release measures:

Methods for cleaning up/taking up:

Pick up mechanically

Dispose of as prescribed

7. Handling and storage:

Handling:

Advice on safe handling:

No special measure necessary if stored and handling as prescribed.

Advice on protection against fire and explosion:

Keep away from sources of ignition-refrain from smoking.

Avoid formation of dust. Take precautionary measures against electrostatic loading.

Storage:

Further information on storage conditions:

Be kept in a ventilated, cool and dry place, it should be also avoid to contact with acid material and expose to air. And keep drums/containers dry.

8.Exposure controls/personal protection:

General protective measures: Do not inhale dust. Avoid contact with eyes and skins.

Hygiene measures: Keep away from foodstuffs and beverages. Wash hands before breaks and after work.

Respiratory protection: Dust mask.

Hand protection : Gloves

Eye protection : Safety glasses.

9.Physical and chemical properties:

Total amount of zinc (Calculated as zinc sulfide and barium sulfat) :99% min

Total amount of Zinc (Calculated as Zinc Sulfide):28% min

Zinc Oxide :0.60% max

Volatile matter (at 105C) :0.30% max

Water soluble matter:0.5max

Residues on 63um :0.1max

Color(compared with standard sample):Similar

Alkalinity of the aqueous extract :Netural

Oil absorption g/100g:14 max

Color killing :100 min

Hiding power : Not lower than 5% of standard sample

10.stability and reactivity:

Thermal decomposition: Degree Centigrade.

Hazardous reactions: No hazardous reactions known

Hazards decomposition products: None.

11.Toxicological information:

Acute oral toxicity(LD50): no

Species: rat

Irritant effect on skin: non-irritant

Species: rabbit

Irritant effect on eyes: non-irritant

Species: rabbit eyes

12. Ecological information:

Further ecological information

Remarks: No data can be given.

13. Disposal considerations:

Product: In accordance with current regulations may be taken to waste disposal site or incineration

plant, after consultation with site operator and/or with the responsible authority

Name of waste: Organic material

Uncleaned packaging: Packaging that can not be cleaned should be disposal off as product waste.

14. Transport information:

Road transport:

ADR: Non-hazardous goods.

GGVS: Non-hazardous goods

Rid : Non-hazardous goods

Ggve: Non-hazardous goods

Inland waterways transport:

ADNR: Non-hazardous goods

Marine transport: IMDG-Code: Non-hazardous goods

EMS/DHL/FEDEX etc: permitted

Air transport: ICAO/IATA-DGR: Non-hazardous goods

Further information: Dispatch by post: permitted.

15. Regulatory information:

US FEDERAL

TSCA

This material does not contain any Class 2 Ozone depletors.

Clean Water Act:

None of the chemicals in this product are listed as Hazardous Substances under the CWA.

None of the chemicals in this product are listed as Priority Pollutants under the CWA.

None of the chemicals in this product are listed as Toxic Pollutants under the CWA.

OSHA:

None of the chemicals in this product are considered highly hazardous by OSHA.

None of the chemicals in this product are listed.

European/International Regulations

European Labeling in Accordance with EC Directives

Hazard Symbols: Not available.

Risk Phrases:

Safety Phrases:

WGK (Water Danger/Protection)

16. Other information:

This information is based on our present state of knowledge.

It should not therefore be construed as guaranteeing specific properties of the products described or their suitability for a particular application