



Material Safety Data Sheet (MSDS)

According to ISO 11014-2009

Report No.: JTT230512001JE

Date: 2023-05-12

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Product Name: Calcium zinc powder stabilizer

MSDS

According to ISO 11014-2009

Applicant: Foshan Sinzpo New Materials Co.,Ltd

Address: E704, Nanhai Wanda Plaza, Guicheng Street, Foshan, Guangdong, China

Product Name: Calcium zinc powder stabilizer

Issue Date: May. 12th, 2023

Edited By: DONGGUAN JIEYING TESTING TECHNOLOGY CO., LTD.

Written by: _____

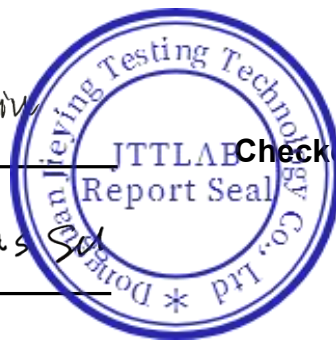
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Section 1 - Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

Product name: Calcium zinc powder stabilizer

1.2 Relevant identified uses of the substance or mixture and uses advised against

Identified uses: Used as a heat stabilizer for polyvinyl chloride (PVC) to prevent thermal decomposition during PVC processing.

Uses advised against: No information available.

1.3 Details of the supplier of the material safety data sheet

Manufacturer/Supplier: Foshan Sinzpo New Materials Co.,Ltd

Address: E704, Nanhai Wanda Plaza, Guicheng Street, Foshan, Guangdong, China

1.4 Emergency telephone number: /

Section 2 - Hazards identification

2.1 Classification of the substance or mixture:

Classification according to Regulation GHS

This product is not classified according to the GHS regulation.

2.2 Label elements

Labeling according to Regulation GHS

This product is not classified and labeled according to the GHS regulation.

Hazard pictograms: N/A

Signal word: N/A

Hazard statements: N/A

Precautionary statement: N/A

Hazards not otherwise classified (HNOC): No further relevant information available.

2.3 Other hazards: No information available.

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Section 3 - Composition/Information on Ingredient

3.1 Chemical characterization: Mixture.

Description: No information available.

Product: Consisting of the following components.

Chemical Name	CAS No.	EC No.	Concentration
Calcium distearate	1592-23-0	216-472-8	8-25%
Zinc distearate	557-05-1	209-151-9	10-20%
Phenylcosane-1,3-dione	58446-52-9	261-257-4	2-5%
1,3-diphenylpropane-1,3-dione	120-46-7	204-398-9	3-10%
AO 1010	6683-19-8	229-722-6	4-10%
Paraffin Wax	8002-74-2	232-315-6	3-5%
Hydrotalcite	12304-65-3	602-916-1	8-20%
Magnesium oxide	1309-48-4	215-171-9	3-5%

Section 4 - First Aid Measures

4.1 Description of first aid measures

General description: In cases of doubt, seek medical help.

After inhalation:

If feel unwell, remove from exposure and move to fresh air immediately. Keep comfortable for breathing. If the symptoms persist, get medical aid.

After skin contact:

Take off immediately all contaminated clothing. Rinse skin with water or shower. If skin irritation or rash occurs, get medical aid.

After eye contact:

Rinse cautiously with running water or saline solution for at least 15 minutes, occasionally lifting the upper and lower eyelids. If eye irritation persists, get medical aid.

After Ingestion:

Rinse mouth with water. Get medical aid. Do not induce vomiting unless directed by a medical professional.

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4.2 Most important symptoms and effects, both acute and delayed:

Inhalation of this product can cause bronchophenitis. Long-term inhalation can cause pneumoconiosis. Patients have shortness of breath, cough, sputum and other symptoms.

4.3 Indication of any immediate medical attention and special treatment needed:

No further relevant information available.

Section 5 – Firefighting measures

5.1 Extinguishing media

Suitable extinguishing agents:

Use water spray, dry chemical powder, carbon dioxide, chemical foam or sand.

5.2 Special hazards arising from the substance or mixture:

Flammable in case of open flame or high heat.

5.3 Advice for firefighters

Firefighters should wear appropriate breathing apparatus and protective equipment. Move containers from fire to open space if possible. Spray water to keep the container cool until the fire is over.

Section 6 - Accidental Release Measures

6.1 Personal precautions, protective equipment and emergency procedures:

Quickly evacuate people from the contaminated area to the safety zone and strictly restrict access. Cut off the fire. It is recommended that emergency personnel use protective equipment as required. Cut off the source of leakage as much as possible. Avoid dust generation. Avoid inhaling dust, vapors, fumes or gases. Ensure adequate ventilation. Prevent entry into the sewer, flood drainage ditch and other restricted Spaces.

6.2 Environmental precautions:

Avoid release to the environment. Avoid empty into drains, surface water and ground water.

6.3 Methods and material for containment and cleaning up:

Sweep and shovel away. Store in a suitable airtight container for disposal at a waste disposal site.

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6.4 Reference to other sections

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

Section 7 - Handling and Storage

7.1 Precautions for safe handling:

Closed operation, local exhaust air. Operators must be specially trained and strictly abide by operating procedures. Operators should use personal protective equipment as required. Keep away from fire and heat. No smoking in the workplace. Avoid contact with oxidants and acids. Handle with care to avoid damaging packages and containers. Equipped with the corresponding variety and quantity of fire equipment and leakage emergency treatment equipment.

7.2 Conditions for safe storage, including any incompatibilities

Store in a cool, dry, ventilated place. Keep away from fire and heat. Stay away from oxidants and acids. Do not mix storage. The storage area should be equipped with leak emergency treatment equipment and suitable holding materials.

7.3 Specific end use(s):

No further relevant information available.

Section 8 - Exposure controls/personal protection

Appropriate engineering controls:

Closed operation, local exhaust air.

Respiratory Protection:

When the concentration of dust in the air is high, it is recommended to wear a self-priming filter dust mask.

Skin Protection:

Wear daily working clothes.

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Eye protection:

Wear safety goggles if necessary.

Environmental exposure controls:

Control measures must comply with Community environmental protection legislation.

Other protection:

Smoking are prohibited on site. Attention to personal hygiene.

Section 9 - Physical and Chemical Properties

9.1 Information on basic physical and chemical properties

Appearance:	Powder
Colour:	White to yellowish
Odour:	/
PH-value:	/
Melting point/Melting range(°C):	/
Boiling point/Boiling range(°C):	/
Flash point(°C):	/
Vapour pressure:	/
Density(g/cm ³):	0.4-0.5
Solubility in water (g/l):	Insoluble in water.
Other information:	/

9.2 Additional information: No data available.

Section 10 - Stability and Reactivity

10.1 Reactivity

Stable under recommended storage and handling conditions.

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10.2 Chemical stability

Stable under normal conditions of use, storage and transport.

10.3 Possibility of hazardous reactions

No data available.

10.4 Conditions to avoid

Keep away from fire and heat.

10.5 Incompatible materials

Strong oxidants and strong acids.

10.6 Hazardous decomposition products

Carbon monoxide, carbon dioxide, zinc oxide, calcium oxide and other metal oxides.

Section 11 - Toxicological Information

Acute toxicity: No data available.

Skin corrosion/irritation: No data available.

Serious eye damage/irritation: No data available.

Respiratory or skin sensitization: No data available.

Toxicokinetics, metabolism and distribution: No data available.

CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction): No data available.

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Section 12 - Ecological Information

12.1 Toxicity

Aquatic toxicity: No further relevant information available.

12.2 Persistence and degradability

No further relevant information available.

12.3 Bioaccumulative potential

No further relevant information available.

12.4 Mobility in soil

No further relevant information available.

12.5 Results of PBT and vPvB assessment

PBT: Not applicable.

vPvB: Not applicable.

12.6 Other adverse effects

No further relevant information available.

Section 13 - Disposal Considerations

13.1 Waste treatment methods

Dispose of in accordance with applicable regional and local laws and regulations.

Section 14 - Transport Information

14.1 UN-Number

ADR, RID, ADN, IMDG, IATA

N/A

14.2 UN proper shipping name

ADR, RID, ADN, IMDG, IATA

N/A

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14.3 Transport hazard class (es)

ADR, RID, ADN, IMDG, IATA

Class N/A

Label N/A

14.4 Packing group

ADR, RID, ADN, IMDG, IATA N/A

14.5 Environmental hazards

N/A

14.6 Special precautions for user

N/A

14.7 Transport in bulk according to Annex II of MARPOL and the IBC Code

N/A

UN "Model Regulation":

N/A

Section 15 - Regulatory Information

No information available.

Section 16 - Additional Information

Reference: N/A

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