



Material Safety Data Sheet (MSDS)

· Zinc Benzenesulfinate

Dongtai Coastal Zinc Industry Group Co., Ltd.

Section 1 Product and Company Identification

> Product Identifier

Product Name Zinc Benzenesulfinate
CAS No. 24308-84-7

> Details of the Supplier of the Safety Data Sheet

Applicant Name Dongtai Coastal Zinc Industry Group Co., Ltd.
Application Address Xin Cao Xin Cun Gong Ye Qu, Dongtai City, Yancheng City, Jiangsu Province

Applicant Post Code 224200
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Applicant E-mail info@coastalzinc.com
Supplier Name Dongtai Coastal Zinc Industry Group Co., Ltd.
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Supplier Telephone +86-21-61057428
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Supplier E-mail info@coastalzinc.com

> Emergency Phone Number

Emergency Phone Number +86-21-61057428



Section 2 Hazards Identification

>Classification of the substance or mixture

Skin sensitization, category 1

Specific target organ toxicity-repeated exposure, Category 2

>GHS label element, including precautionary statements

Pictogram(s)



Signal word

warning

Hazard Statement

H317 May cause an allergic skin reaction

H373 May cause damage to organs through prolonged or repeated exposure

Prevention

P261 Avoid breathing dust/fume/gas/mist/spray.

P272 Contaminated work clothing should not be allowed out of the workplace.

P280 Wear protective gloves/protective clothing/eye protection/face protection/hearing protection.

P260 Do not breathe dust/fume/gas/mist/spray.

Response

P302+P352 If on skin, wash with plenty of water.

P333+P317 If skin irritation or rash occurs: Get medical help.

P321 Specific treatment(see .on this label).

P362+P364 Take off contaminated clothing and wash it before reuse.

P319 Get medical help if you feel unwell.

Storage

None

Disposal

P501 Dispose of contents/container to an appropriate treatment and disposal facility in accordance with applicable laws and regulations, and product characteristics at time of disposal.

>Other hazards which do not result in classification

no data available

Section 3 Composition/Information on Ingredients

Component	Concentration (weight percent %)	CAS No.	EC No.
Zinc Benzenesulfinate	100	24308-84-7	246-148-1



Section 4 First Aid Measures

>Description of necessary first-aid measures

If inhaled

Move the victim into fresh air. If breathing is difficult, give oxygen. If not breathing, give artificial respiration and consult a doctor immediately. Do not use mouth to mouth resuscitation if the victim ingested or inhaled the chemical.

Following skin contact

Take off contaminated clothing immediately. Wash off with soap and plenty of water. Consult a doctor.

Following eye contact

Rinse with pure water for at least 15 minutes. Consult a doctor.

Following ingestion

Rinse mouth with water. Do not induce vomiting. Never give anything by mouth to an unconscious person. Call a doctor or Poison Control Center immediately.

>Most important symptoms/effects, acute and delayed

no data available

>Indication of immediate medical attention and special treatment needed, if necessary

no data available

Section 5 Fire Fighting Measures

>Suitable extinguishing media

Use dry chemical carbon dioxide or alcohol-resistant foam.

>Specific hazards arising from the chemical

no data available.

>Special protective actions for fire-fighters

Wear self-contained breathing apparatus for firefighting if necessary.

Section 6 Accidental Release Measure

>Personal precautions, protective equipment and emergency procedures



Avoid dust formation Avoid breathing mist, gas. Avoid contacting with skin and eye. Use personal protective equipment Wear chemical impermeable gloves. Ensure adequate ventilation. Remove all resources of ignition.

>Environmental precautions

Prevent further spillage or leakage if it is safe to do so. Do not let the chemical enter drains. Discharge into environment must be avoided.

>Methods and materials for containment and cleaning up

Collect and arrange disposal, Keep the chemical in suitable and closed containers for disposal. Remove all resources of ignition. Use spark-proff tools and explosion-proff equipment. Adhered or collected material should be promptly disposed of, in accordance with appropriate laws and regulations.

Section 7 Handling and Storage

Precautions for Handling

Handling in a good ventilated place.
Wear suitable protective clothing.
Avoid contact with skin and eyes.
Avoid formation of dust and aerosols.
Use non-sparking tools. Prevent fire caused by electrostatic discharge steam.

Conditions for safe storage, including any incompatibilities

Store the container tightly closed in a dry cool and good ventilated place.
Store apart from food stuff containers or incompatible materials.

Section 7 Exposure Controls/Personal Protection

>Control parameters

Occupational Exposure limit values

no data available

Biological limit values

no data available

>Appropriate engineering controls

Ensure adequate ventilation. Handle in accordance with good industrial hygiene and safety practice.
Set up emergency exit and the risk-elimination area.

**> Individual protection measures, such as personal protective equipment (PPE)**

Eye/face protection	Wear tightly fitting safety goggles with side-shield conforming to EN 16EU) or NIOSH(US)
Skin protection	Wear fire/flare resistant impervious clothing. Handle with gloves. Glove must be inspected prior to use. Wash and dry hands. The selected protective gloves have to satisfy the specifications of EU directive 89/686/EEC and the standard EN374 derived from it.
Respiratory protection	If the exposure limits are exceeded, irritation or other symptoms are experienced, use a full-face respirator.
Thermal hazards	no data available

Section 9 Physical and Chemical Properties

Appearance: White powder	Odour: No data available
Melting Point/Freezing Point (°C): 217-221	
pH: No data available	Flash Point (°C): 159.1
Boiling Point and Initial Boiling Range (°C): 339.4 at 760mmHg	
Vapor Pressure : 3.58E-05mmHg at 25°C	
Flammability: No data available	
Auto-ignition temperature: No data available	
Decomposition temperature: No data available	
Kinematic viscosity: No data available	
Solubility: No data available	
Density or relative density: No data available	
Particle characteristics: No data available	

Section 10 Stability and Reactivity

Reactivity: No data available	Chemical Stability: No data available
Possibility of Hazardous Reactions: No data available	
Conditions to Avoid: No data available	
Incompatible Materials: No data available	
Hazardous Decomposition products : No data available	

Section 11 Toxicological Information**> Acute Toxicity**

Oral: No data available



Inhalation: No data available

Dermal: No data available

> **Skin Corrosion/Irritation**

No data available

> **Serious Eye Damage/Irritation**

No data available

> **Skin Sensitization**

No data available

> **Respiratory Sensitization**

No information available

> **Germ Cell Mutagenicity**

No data available

> **Carcinogenicity**

No data available

> **Reproductive Toxicity**

No data available

> **Reproductive Toxicity (Additional)**

No data available

> **STOT-Single Exposure**

No data available

> **STOT-Repeated Exposure**

No data available

Section 12 Ecological Information

> **Toxicity**

Toxicity to fish: No data available

Toxicity to daphnia and other aquatic invertebrates: No data available

> **Persistence and Degradability:** No data available



> **Bioaccumulative Potential:** No data available

> **Mobility in Soil:** No data available

> **Other adverse effects:** No data available

Section 13 Disposal Considerations

> Disposal methods

Product

The material can be disposed of by removal to a licensed chemical destruction plant or by controlled incineration with flue gas scrubbing.

Do not contaminate water, foodstuffs, feed or seed by storage or disposal.

Do not discharge to sewer system.

Contaminated Packaging

Containers can be triply rinsed and offered for recycling or reconditioning.

Alternatively, the packaging can be punctured to make it unusable for other purposes and then be disposed of in a sanitary landfill.

Controlled incineration with flue gas scrubbing is possible for combustible packaging materials.

Section 14 Transport Information

UN Number	No dangerous goods
UN Proper Shipping Name	No dangerous goods
Transport Hazard Class	No dangerous goods
Packing Group	No dangerous goods
Special precautions for users	No data available
Transport in bulk according to IMO instruments	No data available

Section 15 Regulatory Information

> Safety, health, environmental regulations specific for the product in question

【Chemical name】 Zinc Benzenesulfinate

【CAS No.】 24308-84-7

【EC No.】 246-148-1

【EINECS】 listed

【TSCA】 listed

【IECSC】 China Inventory of Existing Chemical Substances. listed



- 【NZIoC】 New Zealand Inventory of Chemicals. Not listed
- 【PICCS】 Philippines Inventory of Chemicals and Chemical Substances.
Not listed.
- 【KECI】 Korea Existing Chemicals List. Listed.

Section 16 Additional Information

> Abbreviations and acronyms

- CAS:** Chemical abstracts service.
- ADR:** European agreement concerning the international carriage of dangerous goods by road.
- RID:** Regulation concerning the international carriage of dangerous goods by road.
- IMDG:** International maritime dangerous goods.
- IATA:** Time weighted average.
- STEL:** Short term exposure limit.
- LC50:** Lethal concentration 50%.
- LD50:** Lethal dose 50%.
- EC50:** Effective concentration 50%.