



Material Safety Data Sheet (MSDS)

· Zinc p-toluenesulphinate

Dongtai Coastal Zinc Industry Group Co., Ltd.

Section 1 Product and Company Identification

> Product Identifier

Product Name P-Toluenesulfinic Acid, Zinc Salt
CAS No. 24345-02-6

> 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
Applicant Telephone +86-21-61057428
Applicant Fax +86-21-61057428
Applicant E-mail info@coastalzinc.com
Supplier Name Dongtai Coastal Zinc Industry Group Co., Ltd.
Supplier Address Xin Cao Xin Cun Gong Ye Qu, Dongtai City, Yancheng City, Jiangsu Province

Supplier Post Code 224200
Supplier Telephone +86-21-61057428
Supplier Fax +86-21-61057428
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

Hazardous to the aquatic environment, short term(Acute)-Category acute 1.

GHS label element, including precautionary statements

Pictogram(s)



Signal word

Warning

Hazard Statement

H400 very toxic to aquatic life

Precautionary statements

Prevention

P273 Avoid release to the environment

Response

P391 Collect spillage

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.
P-Toluenesulfinic Acid, Zinc Salt	100	24345-02-6	246-181-1

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 with soap and plenty of water. Consult doctor.
Following eye contact.	Rinse with pure water for at least 15 minutes. Consult doctor.
Following ingestion.	Rinse mouth with water. Do not induce vomiting. Never give anything by mouth to an unconscious person. Call 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 sources 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 -proof tools and explosion- proof 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 well 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 well 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/flame 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
Physical state : no data available	Colour : no data available
Odour : no data available	
Melting point/freezing point: no data available	
Boiling point or initial boiling point and range: 340°C at 760mmHg	
Flammability : no data available	
Lower and upper explosion limit/flammability limit: no data available	
Flash point: 159.49C	
Auto _ignition temperature: no data available	
Decomposition temperature : no data available	
pH: no data available	Kinematic viscosity: no data available
Solubility: no data available	
Partition coefficient n-octanol/water: no data available	
Vapour pressure: 3.42E-05mmHg at 25°C	
Density and/or relative density: 1.36g/cm ³	
Relative vapour 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】 P-Toluenesulfinic Acid, Zinc Salt

【CAS No.】 24345-02-6

【EC No.】 246-181-1

【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%.