

用锌创造美好生活  
Zinc Make Better Life

# COASTAL ZINC

 **东台市沿海锌业集团有限公司**  
DONGTAI COASTAL ZINC INDUSTRY GROUP CO., LTD.

## Coastal Zinc Group

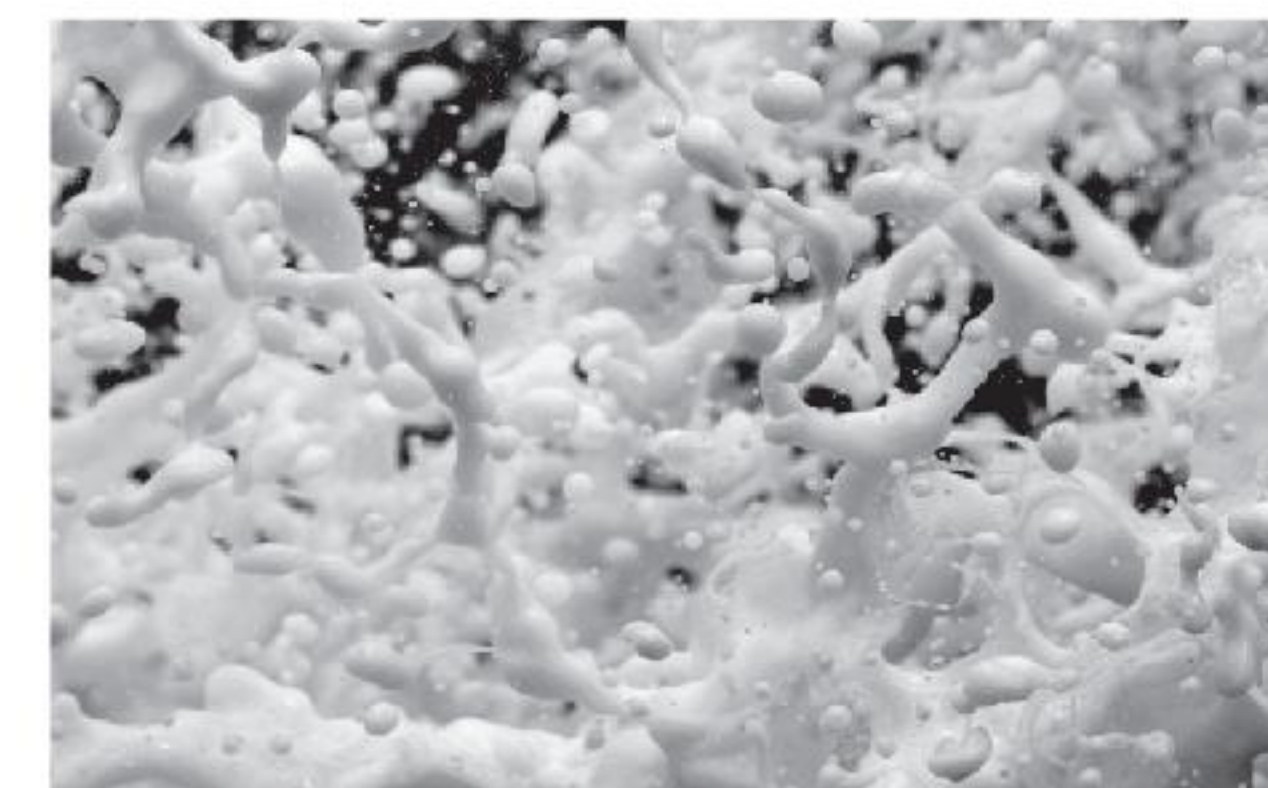
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## 沿海锌业集团

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# Coastal Zinc's products are being applied in everywhere

沿海锌业产品, 应用无处不在



## · Foaming Agent 发泡剂

Zinc Benzenesulfate can effectively improve the foaming efficiency of foaming agent.

苯亚磺酸锌可以有效提高发泡剂的发泡效益。



## · Galvanizing 镀锌

Zinc ammonium chloride is a zinc salt commonly used as a flux in hot galvanizing processes to remove oxides from metal surfaces.

氯化铵是一种锌盐, 通常用作热镀锌过程中的助焊剂, 清除金属表面氧化物。



## · Animal Feed 饲料

Tetrabasic zinc chloride(TBZC)/basic zinc chloride as a feed additive and nutrition supplement for animal.

碱式氯化锌作为一种新型的饲料添加剂, 可提高断奶仔猪的日增重, 降低腹泻率。



## · Agriculture 农业

Zinc is essential nutrient for plant growth. Zinc chloride used for crop fertilizers and soil amendments.

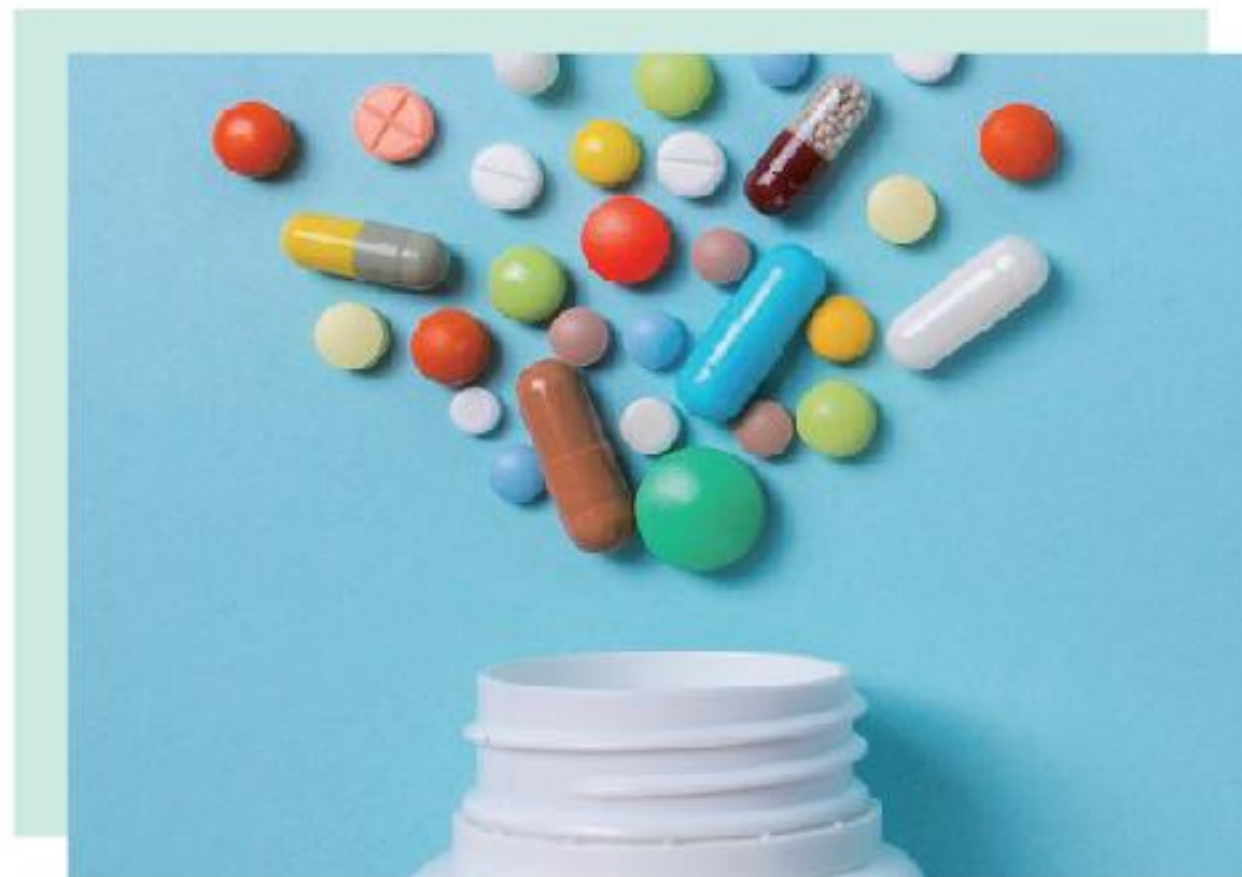
锌是植物生长必需的营养素。氯化锌可用于作物肥料和土壤改良。



## · Coating 涂料

Zinc powder mostly used as anti-corrosion paint in industrial coating.

富锌涂料作为常用的防腐涂料, 在金属表面形成涂层, 保护建筑结构。



## · Pharmaceutical 医药

Zinc chloride can be used as catalyst in organic synthesis of pharmaceutical intermediates.

Zinc powder acts as a reducing agent and catalyst in various chemical reactions.

氯化锌在医药中间体的有机合成中作为催化剂使用, 锌粉还在各种化学反应中充当还原剂和催化剂。



## · Water Treatment 水处理

Zinc chloride and zinc sulfate is a highly-efficient corrosion inhibitor in water treatment with good properties that is more environmentally friendly than the current common phosphonate corrosion inhibitors

氯化锌与硫酸锌是非常高效的水处理缓蚀剂, 具有良好的性能, 比目前常见的膦酸盐缓蚀剂更环保。

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东台市沿海铝业集团有限公司是国际领先的以氯化锌、氧化锌、锌粉、苯亚磺酸锌等为主要产品的生产型制造企业。 致力于服务全球医药、水处理、农药、树脂、电镀、印染、造纸、发泡剂等众多行业与市场。

集团始建于2003年。通过几轮并购，现已拥有6家核心子公司和4个生产基地，其中氯化锌的年产能达到3.5万吨，占据了50%以上的高端市场份额。为全球30多个国家和地区提供种类繁多，品质优秀的产品和服务。

绿色、环保、可持续发展的理念始终贯穿集团近二十年的成长与发展。在生产经营活动中始终关注安全生产，环境保护，经济效益三方面和谐发展。在集团研发团队的支持下，对含锌废料和废水的处理和可循环再利用，提供技术支持和解决方案。

Dongtai Coastal Zinc Industry Group Co., Ltd. is an international leading manufacturer of Zinc Chloride, Zinc Oxide, Zinc Powder, Zinc Benzenesulfinate and other products. It is committed to serving the global pharmaceutical, water treatment, pesticide, resin, electroplating, printing & dyeing, paper, foaming agent and many other industries & markets.

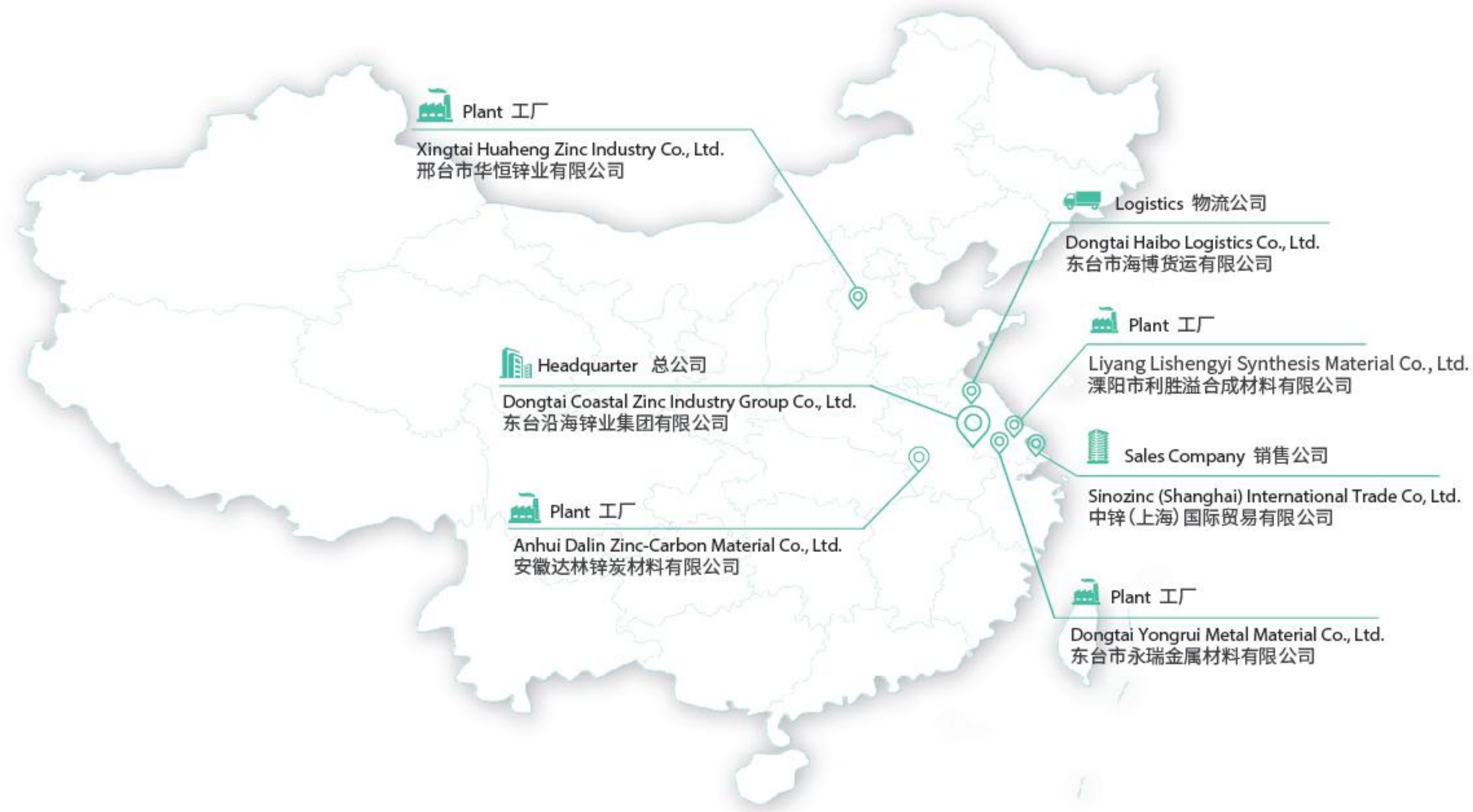
The group was founded from 2003. Through several rounds of mergers and acquisitions, it now has 6 core subsidiaries and 4 production bases, with an annual capacity of 35,000 tons of Zinc Chloride, occupying more than 50% of the high-end market share. It has provided a wide range of high-quality products and services to more than 30 countries and regions.

The concept of environmental protection and sustainable development has been running through the group's growth and development in the past 20 years. We always pay attention to the harmonious development of production safety, environmental protection and economic benefits in production and operation activities. And we can provide technical support & solutions for the treatment and recycling of zinc-containing wastes and wastewater under the support of the group R&D team.



# Group Structure/History

## 集团构架/发展史



### Sinozinc(Shanghai)International Trade Co., Ltd.



The company was built in 2020. As a wholly owned subsidiary of Coastal Zinc Group's marketing unit, Sinozinc is located in the international financial & trade center city, Shanghai, and provides the top products of the group and subsidiaries to domestic & abroad markets and customers, to meet global market demand for the growing zinc chemicals, and bring value-added products & services and cost savings to clients.

#### 中锌(上海)国际贸易有限公司

公司成立于2020年。作为沿海锌业集团的营销型全资子公司，中锌立足于国际金融贸易中心城市上海，将本集团和各子公司的顶级产品供应给国内外市场和客户，以满足全球市场对锌化学品日益增长的需求，为客户带来产品和服务的增值以及成本的节约。

### Dongtai Haibo Logistics Co., Ltd.



The company was built in 2018. It has advanced transport vehicles for hazardous chemicals & general cargo and owns road transport permits for hazardous chemicals. After years of development, it has formed a professional & reliable logistics talent team and transportation management system. The company provides safe & efficient logistics services and safeguard for the group and industry customers.

#### 东台市海博货运有限公司

公司成立于2018年，拥有先进的危化品和普货运输车辆，具备危化品道路运输许可。经过多年发展，打造形成了专业可靠的物流人才团队和运输管理体系。为本集团和行业客户提供安全高效的物流服务和保障。

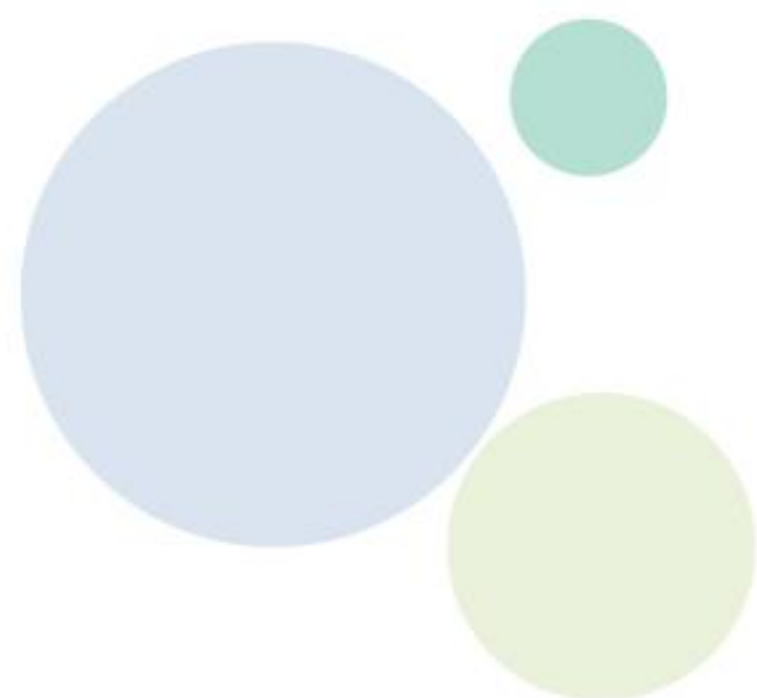
### Dongtai Yongrui Metal Material Co., Ltd.



Yongrui Metal was built in 2015. It can develop and produce Zinc Powder and Zinc Oxide of various specifications. The company provides quality raw material products & services to the group's manufacturing plants and industry customers.

#### 东台市永瑞金属材料有限公司

公司成立于2015年，研发和生产各种规格的锌粉、氧化锌。为本集团旗下的各生产工厂以及行业客户提供优质的原料产品和服务。



Liyang Lishengyi Synthesis Material Co., Ltd.



Lishengyi Synthesis Material Corp founded in the year of 2014, a subsidiary of Coastal Zinc Group, located in Shezhu Industrial Park, Liyang, Changzhou, Jiangsu province. We focus on producing various particle size of zinc powder / zinc dust and equipped with advanced product quality instrumentation that make us could satisfy the need of the most of customers requirement which use in different fields of application.

溧阳市利胜溢合成材料有限公司

公司成立于2014年，坐落在江苏省常州溧阳市社渚镇工业区，沿海锌业集团子公司。生产80-800目数锌粉，同时公司配备先进的实验室检测设备，满足绝大多数客户不同应用的质量需求。

Anhui Dalin Zinc-Carbon Material Co., Ltd.



Dalin Zinc Carbon was built in 2011 that covers an area of 35,000 square meters. It is the subsidiary of Coastal Zinc Group. There are more than 100 various personnel of management, technique & production with annual output of 20,000 Mts Zinc Chloride, 3,000 Mts Zinc Benzenesulfinate and Zinc P-Toluenesulfinate. The company achieved ISO quality, environment, health system certifications. Through the efforts and innovation, Dalin Zinc Carbon constantly meets the growing market & customer demand for zinc chemicals.

安徽达林锌炭材料有限公司

公司成立于2011年，占地面积3.5万平方米。沿海锌集团的子公司。公司拥有各类管理、技术、生产人员100余人。年生产氯化锌20000吨，苯亚磺酸锌和对甲基苯亚磺酸锌3000吨。公司通过了ISO质量、环境、健康体系认证。通过努力和创新，达林锌炭不断满足市场和客户对锌化工产品的需求。

Xingtai Huaheng Zinc Industry Co., Ltd.



Huaheng Zinc was built in 2006 that specializes in granules and ultra-fine powder Zinc Chloride with annual capacity 15,000 Mts. It has become the designated supplier of many listed companies. Huaheng Zinc provide high quality Zinc Chloride into pharmaceutical and water treatment industries. The target is to be close to the core needs of customers, and provide global customers with safe, environmentally quality products.

邢台市华恒锌业有限公司

公司成立于2006年，专业生产颗粒、超细粉状氯化锌，年生产能力15000万吨，已成为多家上市公司的指定供应商。华恒锌业为制药和水处理行业提供高品质的氯化锌。公司的目标是贴近客户的核心需求，为全球客户提供安全、环保的高品质产品。

# Corporate Culture / 企业文化

Coastal Zinc Group is guided by the values of trusty cooperation and win-win efficiency, which define our relationship with employees, customers and society.

Tenet

People-oriented, honest and pragmatic, innovative & enterprising, return to society.

Spirit

Honest, practical and enterprising.

Style

We have strict system on management, handling affairs with principle, and work efficient.

Concept

Integrity & dedication, rigorous & continuous improvement, scientific management and best service.

Guidelines

Take the market as the orientation, take the customer as the center, the benefit as the goal.

Target

High qualified rate and customer satisfaction.



沿海锌业集团以诚信合作，效率共赢的价值观为指导，这些价值观定义了我们与员工，客户和社会的关系。

宗旨

以人为本、诚信务实、创新进取、回报社会

精神

诚信、务实、进取

作风

管理讲制度、办事讲原则、工作讲效率

理念

诚信敬业、严谨、持续改进、科学管理、优质服务

方针

以市场为导向、以客户为中心、以效益为目标

目标

出厂合格率、客户满意度

集团总裁致辞

沿海人，  
当顺应时代发展，  
牢记企业责任，  
坚守诚信为本，  
并保持一颗永不言弃的心，  
厚积薄发，  
期待与志同道合者一路远行。

郭桂淦

# Zinc Chloride Anhydrous

## 无水氯化锌

Formula: ZnCl<sub>2</sub>      Molecular Weight: 136.29  
CAS No.:7646-85-7      EC No.: 201-064-4  
Packaging: 25kg/bag; 800kg-1000kg/big bag.

分子式: ZnCl<sub>2</sub>      分子量: 136.29  
CAS号: 7646-85-7      EC号: 201-064-4  
包装: 25千克/袋; 800千克-1000千克/大袋

Zinc chloride can be used as catalyst in organic synthesis of pharmaceutical intermediates. As a pre-treatment agent in electroplating and galvanizing flux, a corrosion inhibitor in water treatment. Meanwhile it can be used as the agent of printing/dyeing in textile, battery electrolyte, trace elements in fertilizers.

氯化锌在医药中间体的有机合成中作为催化剂使用。可以作为电镀预处理试剂和电焊助剂，水处理的缓蚀剂，还可以用作纺织物的印染剂，电池电解液以及肥料中的微量元素。

Parameter 参数	Unit 单位	Value 参数值		
Grade 等级	N/A	Pharmaceutical	Battery/Electroplating /Water treatment	Industrial /Agriculture
ZnCl <sub>2</sub> 含量	W/%	≥99%	≥98%	≥95%
Acid-Insoluble酸不溶物	W/%	≤0.02	≤0.02	≤0.05
Basic Salt(ZnO) 碱式盐	W/%	≤1.8	≤1.8	≤2.0
Sulfate (SO <sub>4</sub> ) 硫酸盐	W/%	≤0.01	≤0.01	≤0.01
Fe 铁	W/%	≤0.0005	≤0.0005	≤0.001
Pb 铅	W/%	≤0.0003	≤0.0003	≤0.0005
Ba 钡	W/%	≤0.05	≤0.05	≤0.1
Ca 钙	W/%	≤0.2	≤0.2	≤0.5
Moisture水分	W/%	≤0.5	≤0.5	≤1.0
PH	N/A	3-4	3-4	3-4
Appearance 外观	N/A	White Powder 白色粉末		
Zinc Plate Corrosion Test 锌片腐蚀试验	N/A	Pass 通过	Pass 通过	Pass 通过

# Zinc Chloride Solution

## 氯化锌溶液

Formula: ZnCl<sub>2</sub>      Molecular Weight: 136.29  
CAS No.:7646-85-7      EC No.: 201-064-4  
Packaging: 300kg/Drum; 1250kg/IBC; 1500kg/IBC

Zinc chloride is a highly-efficient corrosion inhibitor in water treatment with good properties that is more environmentally friendly than the current common phosphonate corrosion inhibitors, particularly for use in cooling water treatment chemicals. The corrosion agent is injected into the water cooling system according to the prescribed dose to prevent scaling and corrosion.

Meanwhile zinc is essential nutrient for plant growth. Zinc chloride used for crop fertilizers and soil amendments.

化学式: ZnCl<sub>2</sub>      分子量: 136.29  
CAS 号: 7646-85-7      EC No.: 201-064-4  
包装: 300kg/桶; 1250kg/吨桶; 1500kg/吨桶

氯化锌是非常高效的水处理缓蚀剂,具有良好的性能,比目前常见的膦酸盐缓蚀剂更环保,尤其适用于冷却水处理化学品。缓蚀剂按规定的剂量注入水冷却系统,用以防止结垢、腐蚀。

与此同时,锌是植物生长必需的营养素。氯化锌可用于作物肥料和土壤改良。

Parameter 参数	Unit 单位	Value 参数值			
ZnCl <sub>2</sub> 含量	W/%	50%	62.5%	65%	67%
Basic Salt(ZnO) 碱式盐	W/%	≤0.65	≤0.65	≤0.65	≤0.65
Sulfate (SO <sub>4</sub> ) 硫酸盐	W/%	≤0.005	≤0.005	≤0.005	≤0.005
Fe 铁	W/%	≤0.0003	≤0.0003	≤0.0003	≤0.0003
Pb 铅	W/%	≤0.0003	≤0.0003	≤0.0003	≤0.0003
Cd 镉	W/%	≤0.0001	≤0.0001	≤0.0001	≤0.0001
Ba 钡	W/%	≤0.05	≤0.05	≤0.05	≤0.05
Appearance 外观	N/A	Clear Liquid 清澈液体			

Coastal Zinc® Zinc Chloride Solution

# Zinc Ammonium Chloride

## 氯化铵

Zinc ammonium chloride is a zinc salt commonly used as a flux in hot galvanizing processes to remove oxides from metal surfaces.

氯化铵是一种锌盐，通常用作热镀锌过程中的助焊剂，清除金属表面氧化物。

### Zinc Ammonium Chloride 氯化铵

Parameter 参数	Unit 单位	Single salt 单铵盐	Double salt 二铵盐	Triple salt 三铵盐
Content of ZnCl <sub>2</sub> 氯化锌含量	w/%	≥75±1	≥55±1	≥45±1
Content of NH <sub>4</sub> Cl 氯化铵含量	w/%	≤25±1	≤45±1	≤55±1
Basic Salt (ZnO) 碱式盐	w/%	1.8 ~ 2.2	1.8 ~ 2.2	1.8 ~ 2.2
Sulphate (SO <sub>4</sub> ) 硫酸盐	w/%	≤0.01	≤0.01	≤0.01
Fe 铁	w/%	≤0.001	≤0.001	≤0.001
Pb 铅	w/%	≤0.001	≤0.001	≤0.001

Coastal Zinc® Zinc Ammonium Chloride

# Tetrabasic Zinc Chloride (TBZC)

## 碱式氯化锌

Formula: ZnCl<sub>2</sub>·4Zn(OH)<sub>2</sub>·H<sub>2</sub>O / Zn<sub>5</sub>(OH)<sub>8</sub>Cl<sub>2</sub>·H<sub>2</sub>O Molecular Weight: 551.89

CAS No.: 7646-85-7

EC No.: 201-064-4

Packaging: 25kg/bag; 50kg/drum; 1000kg/big bag.

As a new feed additive, Tetrabasic Zinc Chloride (TBZC) can increase the daily gain of weaned piglets, reduce the diarrhea rate and improve the appearance of the fur of weaned piglets.

In addition, adding Tetrabasic Zinc Chloride (TBZC) to the diet of laying hens can improve the performance of laying hens and increase the amount of zinc deposition in eggs.

碱式氯化锌作为一种新型的饲料添加剂，可提高断奶仔猪的日增重，降低腹泻率，且能使断奶仔猪皮毛外观得到改善。

此外，在蛋鸡的日粮中添加碱式氯化锌能改善蛋鸡的生产性能，提高鸡蛋中锌的沉积量。

Parameter 参数	Unit 单位	Value 参数值
Zn <sub>5</sub> (OH) <sub>8</sub> Cl <sub>2</sub> ·H <sub>2</sub> O 碱式氯化锌	W/%	≥98.0
Zn 锌	W/%	≥58
Pb 铅	W/%	≤0.003
Cd 镉	W/%	≤0.001
As 砷	W/%	≤0.001
Fineness through screen 100μm 细度通过100μm实验筛	W/%	99

Coastal Zinc® Tetrabasic Zinc Chloride (TBZC)

# Zinc Sulfate Monohydrate

## 一水硫酸锌

一水硫酸锌，外观为白色流动性的粉末。用于水处理、植物病害喷洒剂、饲料和其他锌盐的生产原料等方面。

Zinc Sulfate Monohydrate, its appearance is white flowing powder. It is prepared by the reaction of zinc oxide or zinc hydroxide with sulfuric acid. Used in water treatment, plant disease spray, feed and raw materials for the production of other zinc salts etc.

Parameter 参数	Unit 单位	Water Treatment Grade 水处理级	Agricultural Grade 农业级	Feed Grade 饲料级
Content (Zn) 含量(以锌计)	W/%	≥35.7	≥35	≥35
pH(50g/L solution) pH值(50克/升的溶液)	n/a	≥4.0	≥4.0	≥4.0
Pb铅	W/%	≤0.001	≤0.001	≤0.001
As砷	W/%	≤0.0003	≤0.0005	≤0.0005
Cd镉	W/%	≤0.0005	n/a	≤0.001

Coastal Zinc® Zinc Sulfate Monohydrate



# Zinc Sulfate Heptahydrate

## 七水硫酸锌

Parameter 参数	Unit 单位	Pharmaceutical Grade 医药级	Feed Grade 饲料级	Industrial Grade 工业级
Content (Zn) 含量(以锌计)	W/%	22 ~ 23	22 ~ 23	19 ~ 20
pH(50g/L solution) pH值(50克/升的溶液)	n/a	≥3.0	≥3.0	n/a
Pb铅	W/%	≤0.005	≤0.005	0.1 ~ 0.5
As砷	W/%	≤0.0005	≤0.0005	n/a
Cd镉	W/%	≤0.001	≤0.001	0.1 ~ 0.5

Coastal Zinc® Zinc Sulfate Heptahydrate

七水硫酸锌，为白色或微黄色颗粒晶体或针状晶体。用于医药、饲料、电镀、肥料其他锌盐的生产原料等方面。

Zinc sulfate heptahydrate, its appearance is white or yellow granular crystals or acicular crystals. Used in pharmaceutical, feed, electroplating, fertilizer and raw materials for the production of other zinc salts etc.

# Zinc Oxide / 氧化锌

Formula: ZnO Molecular Weight: 81.38  
CAS No.:1314-13-2 EC No.: 215-222-5  
Packaging: 25kg/bag; 800kg-1000kg/big bag.

分子式:ZnO 分子量:81.38  
CAS号:1314-13-2 EC号:215-222-5  
包装:25千克/袋;800-1000千克/大袋

Coastal Zinc Group is one of the main producers of indirect process of zinc oxide in China, always insists on using high-purity zinc metal as raw material for production.

沿海锌业集团是中国间接法氧化锌的主要生产商之一，始终坚持用高纯度的0号锌锭作为生产原料。

The high purity zinc oxide produced by our company can be used as the accelerator of rubber vulcanization, the accelerator of organic chemical synthesis, the intermediate of coating production, providing anti-corrosion and anti-ultraviolet function.

我司生产的高纯度氧化锌，是橡胶硫化的促进剂，有机化学品合成的促进剂，涂料生产的中间体，提供抗腐蚀和防紫外线的功能。

Parameter 参数	Unit 单位	Value 参数值		
ZnO 含量	W/%	≥99.9%	≥99.7%	≥99.5%
Lead Oxide氧化铅	W/%	≤0.02	≤0.02	≤0.05
Oxide of Manganese氧化锰	W/%	≤0.0001	≤0.0001	≤0.0001
Copper Oxide氧化铜	W/%	≤0.0002	≤0.0002	≤0.0002
Acid-Insoluble酸不溶物	W/%	≤0.006	≤0.006	≤0.008
Loss on Ignition (LOI)烧失量	W/%	≤0.2	≤0.2	≤0.2
Screenings (45um mesh)筛余物	W/%	≤0.1	≤0.1	≤0.15
Water -soluble Objects水溶物	W/%	≤0.1	≤0.1	≤0.1
Volatile Matters at 105°C挥发物	W/%	≤0.3	≤0.3	≤0.4
Oil Absorption Volume吸油量	g/100g	14	14	14
Color颜色	N/A	White Powder 白色粉末		
Lighting Power消色力	N/A	100	100	95

Coastal Zinc® Zinc Oxide



# Zinc Powder / 锌粉

Formula: Zn Molecular Weight: 65.39  
 CAS No.: 7440-66-6 EC No.: 231-175-3  
 Packaging: 25kg/bag; 50kg/drum; 500kg/big bag.

化学式: Zn 分子量: 65.39  
 CAS号: 7440-66-6 EC号: 231-175-3  
 包装: 25kg/袋 or 50kg/桶; 500kg/大袋

Zinc powder has a strong reducibility and hydrogen is released with acid and alkali.

It mostly used as anti-corrosion paint in industrial coating. These metallic zinc paint act as active preservatives and form a coating on the metal surface to protect the structure of the building.

Zinc powder also acts as a reducing agent and catalyst in various chemical reactions.

锌粉具有强烈的还原性,与酸碱作用产生氢气。主要用作工业涂料的防腐涂料,这些金属锌涂料作为活性防腐剂,在金属表面形成涂层,保护建筑结构。

锌粉还在各种化学反应中充当还原剂和催化剂。

Parameter 参数	Unit 单位					
		80-200	325	400	500	800
Total Zinc 全锌	W/%	≥98	≥98	≥98	≥98	≥98
Metal Zinc 金属锌	W/%	≥96	≥96	≥96	≥96	≥96
Pb 铅	W/%	≤0.1	≤0.1	≤0.1	≤0.1	≤0.1
Fe 铁	W/%	≤0.05	≤0.05	≤0.05	≤0.05	≤0.05
Cd 镉	W/%	≤0.1	≤0.1	≤0.1	≤0.1	≤0.1
Average Particle Size 平均粒径	μm	-	≤9	≤8	≤7	≤5
Maximum Particle Size 最大粒径	N/A	-	≤45	≤38	≤25	≤15
Acid-insoluble 酸不溶物	N/A	≤0.2	≤0.2	≤0.2	≤0.2	≤0.2

Remarks: we can customize different mesh of zinc powder according to requirements of clients  
 备注: 可根据客户的要求定制不同目数的锌粉。

Coastal Zinc® Zinc Powder

# Zinc Benzenesulfinate (ZBS) 苯亚磺酸锌

Zinc Benzenesulfinate, its appearance is white powder. Used in plastics, rubber, auxiliaries, lubricant fillers, flame retardants and AC foaming agents.

苯亚磺酸锌, 外观为白色粉末。用于塑料、橡胶、助剂、润滑剂填充料、阻燃剂和AC发泡剂。

Parameter 参数	Unit 单位	Value 参数值
Content 含量	%	≥98
Melting Point 熔点	°C	215~221
Moisture 水分	%	8~10
Ash Content 灰分	%	≤20~28
Grain Size 粒径	UM	3~4.5
Iron 铁含量	ppm	≤5
Heavy Metal 重金属	ppm	≤10

Coastal Zinc® Zinc Benzenesulfinate(ZBS)

# Zinc P-Toluenesulfinate (ZTS) 对甲苯亚磺酸锌

Zinc P-Toluenesulfinate, its appearance is white powder appearance. Used as stabilizer, lubricant and activator for polyethylene, polyvinyl chloride, polypropylene nylon, ABS natural rubber, styrene butadiene rubber etc.

对甲苯亚磺酸锌, 外观为白色粉末。用于聚乙烯、聚氯乙烯、聚丙烯尼龙、ABS天然橡胶、丁苯橡胶等的稳定剂、润滑剂和活化剂。

Parameter 参数	Unit 单位	Value 参数值
Content 含量	%	≥98
Melting Point 熔点	°C	≥250
Ash Content 灰分	%	≤20~24
Moisture 水分	%	≤0.5

Coastal Zinc® P-Toluenesulfinate(ZTS)



# Certificates / 认证



ISO14001

ISO9001

ISO 45001

# Sustainable Development / 可持续发展



Coastal Zinc Group always considers sustainability from a perspective of society, environment, and manufacture. We use rigorous environmental management systems and get ISO 14001:2015, GB/T 24001-2016 certifications at every manufacturing sites. We strive to continuously improve our programs and practices to advance environmental stewardship across our entire organization and supply chain.

Coastal Zinc Group considers its duty towards the nature and society, the plants are designed and maintained as per the guidelines set by the pollution control regulations of China. Sustainability is an important consideration in the operation activities. With the support of the group R&D team, we provide technical support & solutions for the treatment and recycling of zinc-containing wastes and other toxic waste. We will go along with green energy, low carbon footprint and reducing emissions & waste. Ensure the Health, Safety and Environmental Programs get better year by year.



沿海锌业集团始终关注社会、环境和生产的可持续发展。我们采用严格的环境管理体系，使每个生产车间都取得ISO 14001:2015, GB/T 24001-2016认证。公司通过不断改进和实践来推进集团组织和各供应链的环境优化管理。

集团从对自然和社会的责任出发，按照中国的污染管控条令对工厂进行设计和维护。可持续发展作为一个重要理念贯穿整个经营流程。在集团研发团队的支持协助下，我们为生产过程中的锌废料及其他有毒废料的处理和回收提供技术支持和解决方案。我们倡导使用绿色能源，坚持低碳发展，减少资源的浪费和污染。确保健康、安全和环保三个体系的发展日益进步。



# Research & Development / 研发

