



## MATERIAL SAFETY DATA SHEET

**Product:** Zinc stearate

---

### 01- PRODUCT AND COMPANY IDENTIFICATION

**a) Product identifiers**

Product Name : Zinc stearate

Product Number :

Brand : ANYUAN

**b) Details of the supplier of the safety data sheet**

Company : FUJIAN ANYUAN RUBBER TECHNOLOGY CO., LTD  
No.22 , Industrial Zone , Hanjiang Town , Shishi city , Fujian province of China

Telephone : +86 595 85151198

Fax : +86 595 85151189

**c) Web site**

[www.fjayxi.com](http://www.fjayxi.com)

---

### 02- HAZARDS IDENTIFICATION

**a) Classification of the substance or mixture**

Not a hazardous substance or mixture according to Regulation (EC) No 1272/2008

**b) Label elements**

Not a hazardous substance or mixture according to Regulation (EC) No 1272/2008

**c) Other hazards**

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

---

### 03- COMPOSITION / INFORMATION ON INGREDIENTS

<b>Formula</b>	<b>C<sub>36</sub>H<sub>70</sub>O<sub>4</sub>Zn</b>	
<b>CAS No.</b>	<b>557-05-1</b>	
<b>Content</b>	<b>≥97.0%</b>	

---

### 04- FIRST AID MEASURES

**a) Description of first-aid measures**

**If inhaled**

If breathed in, move person into fresh air, if not breathing, give artificial respiration.

**In case of skin contact**

Wash off with soap and plenty of water.

**In case of eye contact**

Flush eyes with water as a precaution.

**If swallowed**

Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

**b) Most important symptoms and effects, both acute and delayed**

The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11

**c) Indication of any immediate medical attention and special treatment needed**

No data available

---

## 05- FIREFIGHTING MEASURES

**a) Extinguishing media**

**Suitable extinguishing media**

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

**b) Special hazards arising from the substance or mixture**

Carbon oxides

Zinc/zinc oxides

**c) Advice for firefighters**

Wear self-contained breathing apparatus for firefighting if necessary

**d) Further information**

No data available

---

## 06- ACCIDENTAL RELEASE MEASURES

**a) Personal precautions, protective equipment and emergency procedures**

Use personal protective equipment. Avoid dust formation. Avoid breathing vapours, mist or gas.

For personal protection see section 8.

**b) Environmental precautions**

No special environmental precautions required.

**c) Methods and materials for containment and cleaning up**

Sweep up and shovel. Keep in suitable, closed containers for disposal

**d) Reference to other sections**

For disposal see section 13.

---

## 07- HANDLING AND STORAGE

**a) Precautions for safe handling**

**Advice on protection against fire and explosion**

Provide appropriate exhaust ventilation at places where dust is formed.

**Hygiene measures**

General industrial hygiene practice

For precautions see section 2.2

**b) Conditions for safe storage, including any incompatibilities**

**Storage conditions**

Keep container tightly closed in a dry and well-ventilated place.

**Storage class**

Storage class (TRGS 510):13:Non Combustible Solids

**c) Specific end use(s)**

Apart from the uses mentioned in section 1.2 no other specific uses are stipulated

---

## 08- EXPOSURE CONTROLS/PERSONAL PROTECTION

**a) Control parameters**

**Ingredients with workplace control parameters**

**b) Exposure controls**

**Personal protective equipment**

**Eye/face protection**

Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

**Skin protection**

Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

The selected protective gloves have to satisfy the specifications of Regulation (EU) 2016/425 and the standard EN 374 derived from it.

**Body Protection**

Choose body protection in relation to its type, to the concentration and amount of dangerous substances, and to the specific work-place., The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

**Respiratory protection**

Respiratory protection is not required. Where protection from nuisance levels of dusts are desired, use type N95 (US) or type P1 (EN 143) dust masks. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

**Control of environmental exposure**

Do not let product enter drains.

---

## 09- PHYSICAL AND CHEMICAL PROPERTIES

**a) Information on basic physical and chemical properties**

① Appearance	Form: powder Color: white
② Odour	No data available
③ Odour Threshold	No data available
④ pH	No data available

## Fujian AnYuan Rubber Technology CO., LTD

---

⑤	Melting point/freezing point	Melting point/range 128-130C°-lit
⑥	Initial boiling point and boiling range	135°C at 760 hpa
⑦	Flash point	No data available
⑧	Evaporation rate	No data available
⑨	Flammability (solid, gas)	No data available
⑩	Upper/lower flammability or explosive limits	No data available
⑪	Vapour pressure	No data available
⑫	Vapour density	No data available
⑬	Relative density	0.430 g/cm <sup>3</sup> at 37 °C
⑭	Water solubility	No data available
⑮	Partition coefficient: octano l/ water	No data available
⑯	Auto-ignition / temperature	No data available
⑰	Decomposition / temperature	No data available
⑱	Viscosity	No data available
⑲	Explosive properties	No data available
⑳	Oxidizing properties	No data available

**b) Other safety information**

No data available

---

### 10- STABILITY AND REACTIVITY

**a) Reactivity**

No data available

**b) Chemical stability**

Stable under recommended storage conditions

**c) Possibility of hazardous reactions**

No data available

**d) Conditions to avoid**

No data available

**e) Incompatible materials**

Strong oxidizing agents

**Hazardous decomposition products**

Other decomposition products - No data available

In the event of fire: see section 5

---

### 11- TOXICOLOGICAL INFORMATION

**a) Information on toxicological effects**

**Acute toxicity**

LD50 Oral-rat-male and female- > 10.000mg/kg

**Skin corrosion/irritation**

No data available

**Serious eye damage/eye irritation**

No data available

**Respiratory or skin sensitisation**

No data available

**Germ cell mutagenicity**

No data available

**Carcinogenicity**

This product is or contains a component that is not classifiable as to its carcinogenicity based on its IARC, ACGIH, NTP, or EPA classification.

**Reproductive toxicity**

No data available

**Specific target organ toxicity - single exposure**

No data available

**Specific target organ toxicity - repeated exposure**

No data available

**Aspiration hazard**

No data available

**Additional Information**

RTECS: ZH5200000

Aspiration or inhalation may cause chemical pneumonitis., Lung irritation, chest pain, pulmonary edema

---

**12- ECOLOGICAL INFORMATION**

**a) Toxicity**

No data available

**b) Persistence and degradability**

Biodegradability Result:50%-Biodegradable

**c) Bioaccumulative potential**

No data available

**d) Mobility in soil**

No data available

**e) Results of PBT and vPvB assessment**

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

**f) Endocrine disrupting properties**

No data available

**g) Other adverse effects**

No data available

---

**13- DISPOSAL CONSIDERATIONS**

**a) Waste treatment methods**

**Product**

Offer surplus and non-recyclable solutions to a licensed disposal company.

**Contaminated packaging**

Dispose of as unused product.

---



# Fujian AnYuan Rubber Technology CO., LTD

---

FUJIAN ANYUAN RUBBER TECHNOLOGY CO., LTD

MSDS – International Region

Version: 2.0 Revision Date: 16/5/2021