



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

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

Formula	C ₃₆ H ₇₀ O ₄ Zn	
CAS No.	557-05-1	
Content	≥97.0%	

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

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⑤	Melting point/freezing point	Melting point/range 128-130°C-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 ³ at 37 °C
⑭	Water solubility	No data available
⑮	Partition coefficient: octanol / 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.

14- TRANSPORT INFORMATION

a) UN number

ADR/RID: - IMDG: - IATA: -

b) UN proper shipping name

ADR/RID: Not dangerous goods

IMDG: Not dangerous goods

IATA: Not dangerous goods

c) Transport hazard class(es)

ADR/RID: - IMDG: - IATA: -

d) Packaging group

ADR/RID: - IMDG: - IATA: -

e) Environmental hazards

ADR/RID: no IMDG: no IATA: no

f) Special precautions for user

Further information

Not classified as dangerous in the meaning of transport regulations.

15- REGULATORY INFORMATION

a) Safety, health and environmental regulations/legislation specific for the substance or mixture

This material safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006.

b) Chemical Safety Assessment

For this product a chemical safety assessment was not carried out

16- OTHER INFORMATION

Full text of H-Statements referred to under sections 2 and 3.

HMIS Rating

Health hazard: 0

Chronic Health Hazard:

Flammability: 1

Physical Hazard 0

NFPA Rating

Health hazard: 0

Fire Hazard: 1

Reactivity Hazard: 0

Further information

This MSDS of Transparent Compound is just for internal use only. The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. ANYUAN shall not be held liable for any damage resulting from handling or from contact with the above product.

Preparation Information

Fujian AnYuan Rubber Technology CO., LTD

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MSDS – International Region

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