



金沃泰
KINGVOLT

Material Safety Data Sheet

1. PRODUCT AND COMPANY IDENTIFICATION

Product name : Zinc P-Toluenesulfonate Hydrate
CAS-No. : 123334-05-4
Synonym: ZTS; P-Toluene Sulfinic Acid Zinc Salt; Zinc P-Toluene Sulfonate Hydrate;
Zinc P-Toluenesulphinate; P-Toluenesulfonic Acid Zinc Salt Hydrate;
TM; Blowing Agent Activator ZTS
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2. COMPOSITION/INFORMATION ON INGREDIENTS

Formula : $C_{14}H_{16}O_7S_2Zn$

CAS-No.	EC-No.	Index-No.	Concentration
Zinc P-Toluenesulfonate Hydrate 123334-05-4	236-576-7		>98%

3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

Irritating to eyes, respiratory system and skin.

Potential Health Effects

Eye:

Causes eye irritation.

Skin:

Causes skin irritation. May be harmful if absorbed through the skin.

Ingestion:

May cause irritation of the digestive tract. May be harmful if swallowed.

Inhalation:

Causes respiratory tract irritation. May be harmful if inhaled.

Chronic:

Not available.

4. FIRST AID MEASURES

Eyes:

Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical aid.

Skin:

Get medical aid. Flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes.

Ingestion:

Get medical aid. Wash mouth out with water.

Inhalation:

Remove from exposure and move to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical aid.

Notes to Physician:

Treat symptomatically and supportively.

5. FIRE-FIGHTING MEASURES**General Information:**

As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear.

Extinguishing Media:

Use water spray, dry chemical, carbon dioxide, or chemical foam.

6. ACCIDENTAL RELEASE MEASURES**General Information:**

Use proper personal protective equipment as indicated in Section 8.

Spills/Leaks:

Vacuum or sweep up material and place into a suitable disposal container.

7. HANDLING AND STORAGE**Handling:**

Avoid breathing dust, vapor, mist, or gas. Avoid contact with skin and eyes.

Storage:

Store in a cool, dry place. Store in a tightly closed container.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION**Engineering Controls:**

Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower.

Use adequate ventilation to keep airborne concentrations low.

Exposure Limits

CAS# 123334-05-4:

Personal Protective Equipment**Eyes:**

Not available.

Skin:

Wear appropriate protective gloves to prevent skin exposure.

Clothing:

Wear appropriate protective clothing to prevent skin exposure.

Respirators:

Follow the OSHA respirator regulations found in 29 CFR 1910.134 or European Standard EN 149. Use a NIOSH/MSHA or European Standard EN 149 approved respirator if exposure limits are exceeded or if irritation or other symptoms are experienced.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	Powder
Color:	white
Odor:	Not available.
pH:	Not available.
Vapor Pressure:	Not available.
Viscosity:	Not available.
Boiling Point:	Not available.
Freezing/Melting Point:	Not available.
Autoignition Temperature:	Not available.
Flash Point:	Not available.
Explosion Limits, lower:	Not available.
Explosion Limits, upper:	Not available.
Decomposition Temperature:	
Solubility in water:	Insoluble.
Specific Gravity/Density:	
Molecular Formula:	C ₁₄ H ₁₄ O ₆ S ₂ Zn
Molecular Weight:	407.78

10. STABILITY AND REACTIVITY

Chemical Stability:

Not available.

Conditions to Avoid:

Incompatible materials.

Incompatibilities with Other Materials:

Strong oxidizing agents, acids.

Hazardous Decomposition Products:

Carbon monoxide, oxides of sulfur, carbon dioxide, zinc oxides.

Hazardous Polymerization:

Has not been reported.

11. TOXICOLOGICAL INFORMATION

RTECS#:

CAS# 123334-05-4 unlisted.

LD50/LC50:

Not available.

Carcinogenicity:

Zinc p-toluenesulfonate hydrate - Not listed by ACGIH, IARC, or NTP.

12. ECOLOGICAL INFORMATION

None known.

13. DISPOSAL CONSIDERATIONS

Dispose of in a manner consistent with federal, state, and local regulations.

14. TRANSPORT INFORMATION

IATA

Not regulated as a hazardous material.

IMO

Not regulated as a hazardous material.

RID/ADR

Not regulated as a hazardous material.

15. REGULATORY INFORMATION

European/International Regulations

European Labeling in Accordance with EC Directives

Hazard Symbols: Xi

Risk Phrases:

R 36/37/38 Irritating to eyes, respiratory system and skin.

Safety Phrases:

S 26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S 37/39 Wear suitable gloves and eye/face protection.

WGK (Water Danger/Protection)

CAS# 123334-05-4: No information available.

Canada

None of the chemicals in this product are listed on the DSL/NDSL list.

CAS# 123334-05-4 is not listed on Canada's Ingredient Disclosure List.

US FEDERAL

TSCA

CAS# 123334-05-4 is not listed on the TSCA inventory. It is for research and development use only.

16. OTHER INFORMATION

Further information

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