

MATERIAL SAFETY DATA SHEET

6-Thio-2-hydroxypurine

MSDS Name: 6-Thio-2-hydroxypurine
Synonyms: 6-Thioxanthine
Company Identification: KINFON PHARMA AND CHEM SERVICE CO., LTD
Company Identification: (CN) Pudong Shanghai China

Section 2 - Composition, Information on Ingredients

Hazard Symbols: None listed

Risk Phrases: None listed

Section 3 - Hazards Identification

EMERGENCY OVERVIEW

Not available

Potential Health Effects

Eye: Non-irritating to the eyes.

Skin: Non-irritating to the skin.

Ingestion: No information found.

Inhalation: No information available.

Chronic:

Section 4 - First Aid Measures

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

Skin: Flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes.

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

Inhalation: Remove from exposure and move to fresh air immediately.

**Notes to
Physician:**

Section 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.

Section 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.

Section 7 - Handling and Storage

Handling: Avoid breathing dust, vapor, mist, or gas. Avoid contact with skin and eyes. Use only in a chemical fume hood.

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

Section 8 - Exposure Controls, Personal Protection

Engineering Controls:

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

Exposure Limits

CAS# 2002-59-7:

Personal Protective Equipment

Eyes: Wear chemical splash goggles.

Skin: Wear appropriate protective gloves to prevent skin exposure.

Clothing: Wear a chemical apron.

Respirators: A NIOSH/MSHA approved air purifying dust or mist respirator or

KINFON PHARMA AND CHEMICAL Co., Ltd.

Pudong Dist, Shanghai 200120 China

Http :// www.pharma-chem.com

E-mail: sales@pharma-chem.com

T/F:00862158871570

Quinine sulfate dihydrate; Entinostat; Cloricromene; Isothiazole-3-carboxylic acid; 5-Methyluridine;
2-Fluoro-5-(methoxycarbonyl)phenylboronic acid [850568-04-6]; Fluconazole; Nifedipine; Glipizide;
Lamivudine; Zidovudine; Cytosine; Stavudine; Nevirapine; Valacyclovir; Mitiglinide; Glimepiride; Amlodipine besylate;
Enalapril Maleate; Rosiglitazone; Glyburide; Balofloxacin; 6-Thioxanthine [2002-59-7]; 6-Bromopurine [767-69-1];

European Standard EN 149.

Section 9 - Physical and Chemical Properties

Physical State:	Powder
Color:	light brown
Odor:	Not available
pH:	Not available
Vapor Pressure:	Not available
Viscosity:	Not available
Boiling Point:	Not available
Freezing/Melting Point:	> 300 deg C (> 572.00°F)
Autoignition Temperature:	Not available
Flash Point:	Not available
Explosion Limits: Lower:	Not available
Explosion Limits: Upper:	Not available
Decomposition Temperature:	Not available
Solubility in water:	slightly soluble in water
Specific Gravity/Density:	
Molecular Formula:	C ₅ H ₄ N ₄ O ₈
Molecular Weight:	168.18

Section 10 - Stability and Reactivity

Chemical Stability:	Not available
Conditions to Avoid:	Not available
Incompatibilities with Other Materials	Strong oxidizing agents.
Hazardous Decomposition Products	Carbon monoxide, oxides of nitrogen, oxides of sulfur, carbon dioxide.
Hazardous Polymerization	Has not been reported.

Section 11 - Toxicological Information

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RTECS#: CAS# 2002-59-7: None listed

LD50/LC50: RTECS: Not available.

Carcinogenicity: 6-Thio-2-hydroxypurine - Not listed as a carcinogen by ACGIH, IARC, NTP, or CA Prop 65.

Section 12 - Ecological Information

Not available

Section 13 - Disposal Considerations

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

Section 14 - Transport Information

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Shipping Name:	Not available	Not available	Not available
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Packing Group:

Section 15 - Regulatory Information

European/International Regulations

European Labeling in Accordance with EC Directives

Hazard Symbols: Not available

Risk Phrases:

Safety Phrases:

S 24/25 Avoid contact with skin and eyes.

WGK (Water Danger/Protection)

CAS# 2002-59-7: Not available

Canada

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US Federal

TSCA

CAS# 2002-59-7 is not listed on the TSCA Inventory. It is for research and development use only.

Section 16 - Other Information

Revision #0 Date Original.

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