

Yangzhou Sunchem Co.,Ltd.

Material Safety Data Sheet

1.2-Benzisothiazolin-3-one(BIT)

1. Product and Company Identification

Catalog Numbers: 799A-0

Product Name

Trade Name: 1,2-Benzisothiazol-3(2H)-one

Synonyms: -

Manufacturer & Distributor

9/F Dexing Building, 545 Museum Road, Yangzhou, China.

Tel: 86-514-8785-1548

Fax: 86-514-8787-2867

Email:market@shsunchem.com Http: www.shsunchem.com

2. Hazards Identification

Emergency Overview: Harmful. Dangerous for the environment.

Harmful if swallowed. Irritating to skin. Risk

of serious damage to eyes. May cause sensitization by skin contact.

Very toxic to

aquatic organisms.

Potential Health Effects

Eye: -

Skin: -

Ingestion: -

Inhalation: -

Chronic: -

3. Composition/Information on Ingredients

Chemical Name: 1,2-Benzisothiazol-3(2H)-one

Molecular Formula: C7H5NOS

Molecular Weight: 151.19

Content: 97%

CAS Number: 2634-33-5

EINECS NO. [EC No]: -

4. First Aid Measures

Eye: In case of contact, immediately flush eyes with copious amounts of water for at least 15 minutes.

Skin: In case of contact, immediately wash skin with soap and copious amounts of water.

Ingestion: If swallowed, wash out mouth with water provided person

is conscious. Call a physician.

Inhalation: If inhaled, remove to fresh air. If not breathing give artificial respiration. If breathing is difficult, give oxygen.

5. Fire Fighting Measures

General Information: Protective Equipment: Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes. Specific Hazard(s): Emits toxic fumes under fire conditions.

Extinguishing: Suitable: Water spray. Carbon dioxide, dry chemical powder, or appropriate foam.

6. Accidental Release Measures

General Information: Use proper personal protective equipment as listed in Section 8.

Spills/Leaks: Sweep up, place in a bag and hold for waste disposal. Avoid raising dust. Ventilate area and wash spill site after material pickup is complete.

7. Handling and Storage

Handling: Refer to section 8

Storage: 1.Keep container tightly closed

8. Exposure Controls/Personal Protection

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

Personal Protective Equipment

Eyes: Wear chemical safety goggles.

Skin: Wear appropriate protective gloves.

Clothing: Wear appropriate protective clothing.

Respirators: Wear NIOSH/MSHA - approved respirator

9. Physical and Chemical Properties

Physical State: Solid

Color: Faintly yellow

Odor: -

Boiling Point: -

Melting Point : 154-158

Vapor Pressure : -

Specific Gravity : -

PH: -

Solubility in Water : -
Flash Point: -
Autoignition Temperature : -
Decomposition Temperature : -

10. Stability and Reactivity

Chemical Stability: Stable.
Conditions to Avoid: -
Incompatibilities with Other: Strong oxidizing agents.
Hazardous Decomposition
Products :
Carbon monoxide, Carbon dioxide, Nitrogen oxides, Sulfur dioxide.
Polymerization : Will not occur

11. Toxicological Information

RTECS#: -
Toxicity Data[LD50/LC50]: Oral Rat 1020 mg/kg LD50 Oral Mouse
1150 mg/kg LD50
Carcinogenicity: -
Other: -

12. Ecological Information

Ecotoxicity: -
Other: -

13. Disposal Considerations

Disposal considerations: Contact a licensed professional waste disposal service to dispose of this material in a manner consistent with federal, state and local environmental regulations

14. Transport Information

Shipping Name: Environmentally hazardous substances, solid, n.o.s.
Hazard Class: 9
UN Number: 3077
Packing Group: III

15. Regulatory Information

European/International
Regulations:
-

European Labeling in Accordance with EC Directives

Hazard Symbols: 1.Xn
2.N

R-Phrases: 1.Harmful if swallowed.

2.Irritating to skin.

3.Risk of serious damage to eyes.

4.May cause sensitization by skin contact.

5.Very toxic to aquatic organisms.

S-Phrases: 1.Avoid contact with skin. S24/25 Avoid contact with skin and eyes.

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

3.Wear suitable gloves.

4.Wear eye/face protection.

5.Avoid release to the environment. Refer to special instructions/Safety data sheets.

WGK(Water Danger/Protection): 2

US Federal TSCA: -

16. Other Information

Other information: The above information is believed to be accurate but does not suppose to be all inclusive and shall be used only as a guide. Reagent World makes no warranty of merchantability or any other warranty, express or implied, with respect to such information. Users should make their own investigations to determine the accountability of the information for their purposes in particular. In no way shall the company be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, howsoever arising, even if the company has been advised of the possibility of such damages.