



*Specialized in chemicals*

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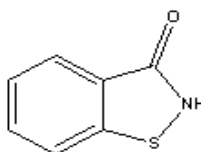
Site: www.tnjchem.com

## Technical Data Sheet

# 1,2-Benzisothiazolin-3-One

### Product Information

Chemical Name	1,2-Benzisothiazolin-3-One
CAS #	2634-33-5
Formula	C7H5NOS
Molecular Weight	151.18
Synonyms	BIT
Chemical Structure	



### Description

Appearance: White to light yellow powder

### Physical Properties

Melting point	154-158°C
Boiling point	204.5°C
Flash point	77.5°C

### Specification

Items	Specification
Appearance	White to light yellow powder
Assay, %	99.0 Min
Melting point	155-158°C
Color Of Alkali Solution Y	4 Max
Water, %	15 ± 1
Chloride	0.6 Max

## Safety

Always refer to the Material Safety Data Sheet (MSDS)

## Applications

BIT Is the main industrial sterilization, antiseptis, enzymes agent. BIT widely used in latex products, water-soluble resin, paint ( latex ), acrylic acid, polymers Polyurethane products, photographic paper, ink, lotion, leather, oil and other products.

## Packaging

25kg/bag

15mt per 20ft container

## Storage & Handling

Do not store in direct sunlight. Store in a tightly closed container.

Store in a cool, dry, well-ventilated area away from incompatible substances.

Wash thoroughly after handling. Use with adequate ventilation. Minimize dust generation and accumulation.

Avoid breathing dust, vapor, mist, or gas. Avoid contact with skin and eyes. Keep container tightly closed.

Avoid ingestion and inhalation.

Always refer to the Material Safety Data Sheet (MSDS) for detailed information on handling and disposal.

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