

### SECTION-1: Identification of the substance / mixture and the company / undertaking

<b>Catalogue Number</b>	CS-T-33241
<b>Product Name</b>	3-Methyl-2-benzothiazolinone Hydrazone Hydrochloride Hydrate
<b>CAS No.</b>	149022-15-1
<b>Category</b>	Impurity
<b>Synonyms</b>	Not available
<b>Brand</b>	Clearsynth Labs Ltd.
<b>Identified uses</b>	Laboratory Chemicals
<b>Uses advised against</b>	Not available
<b>Company</b>	Clearsynth Labs Ltd. Mumbai, India
<b>Emergency Phone #</b>	+91-22-245045900
<b>REACH No.</b>	Not available

### SECTION 2: Hazards identification

**Disclaimer:** This is sample MSDS. Please email [sales@clearsynth.com](mailto:sales@clearsynth.com) for more details.

#### 2.1 Classification of the substance or mixture-Regulation (EC) No 1272/2008:

Skin irritation (Category 2)

Serious eye damage/eye irritation (Category 2)

#### 2.2 Label Elements

**Signal Word:** Warning



#### Hazard Statement(s)

Code	Statement
H301	Not available
H319	Causes serious eye irritation.
H315	Causes skin irritation.

### Precautionary Statement(s)

Code	Statement
P264	Wash hands thoroughly after handling.
P264+P265	Not available
P270	Not available
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P301+P316	Not available
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present.
P321	Specific treatment (see ... on this label).
P330	Not available
P337+P317	If eye irritation persists: Get medical help.
P405	Store locked up.
P501	Dispose of contents/container in accordance with local/regional/national/international regulations.
P302+P352	IF ON SKIN: Wash with plenty of water and soap.
P332+P317	If skin irritation occurs: Get medical help.
P362+P364	Take off contaminated clothing and wash it before reuse.

### SECTION 3: Composition / information on ingredients

#### 3.1 Substance

Component : 3-Methyl-2-benzothiazolinone Hydrazone Hydrochloride Hydrate

CAS Number : 149022-15-1

Molecular Formula : Not available

Molecular Weight : Not available

Parent Chemical : Not available

Synonyms : Not available

Concentration : Not available

### SECTION 4: First aid measures

#### SECTION 4: First-aid measures

##### 4.1 Description of first aid measures

General advice:

- Show this safety data sheet to the doctor in attendance.
- Remove contaminated clothing and shoes. Wash contaminated clothing before reuse.
- Seek medical attention if symptoms persist or are severe.

#### Inhalation:

- Move person to fresh air and keep at rest in a position comfortable for breathing.
- If breathing is difficult, seek medical attention.

#### Skin contact:

- Wash with plenty of water and soap.
- Get medical attention if irritation develops or persists.

#### Eye contact:

- Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do.
- Continue rinsing and seek medical attention.

#### Ingestion:

- Rinse mouth with water.
- Do NOT induce vomiting unless directed by medical personnel.
- Seek medical attention.

#### 4.2 Most important symptoms and effects, both acute and delayed

- Not available.

#### 4.3 Indication of any immediate medical attention and special treatment needed

- Treat symptomatically.
- Not available.

### SECTION 5: Firefighting measures

#### SECTION 5: Fire-fighting measures

##### 5.1 Extinguishing media

###### Suitable extinguishing media:

- Use extinguishing measures appropriate to local circumstances and the surrounding environment.
- Water spray, alcohol-resistant foam, dry chemical, or carbon dioxide (CO<sub>2</sub>).

###### Unsuitable extinguishing media:

- Not available.

##### 5.2 Special hazards arising from the substance or mixture

- Combustion may produce irritating and/or toxic fumes.
- Hazardous decomposition products: Not available.

##### 5.3 Advice for firefighters

- Wear self-contained breathing apparatus (SCBA) and full protective gear.
- Cool containers with water spray if exposed to fire.
- Prevent fire-fighting water from entering drains or watercourses.

### SECTION 6: Accidental release measures

#### SECTION 6: Accidental release measures

##### 6.1 Personal precautions, protective equipment and emergency procedures

- Evacuate unnecessary personnel.
- Avoid breathing dust/fume/mist/vapors.

- Avoid contact with skin and eyes.
- Use appropriate personal protective equipment (see Section 8).
- Ensure adequate ventilation.

#### 6.2 Environmental precautions

- Avoid release to the environment.
- Prevent further leakage or spillage if safe to do so.
- Prevent entry into waterways, drains, or soil.

#### 6.3 Methods and material for containment and cleaning up

- Avoid dust formation.
- Collect spillage using methods that do not generate dust.
- Place in a suitable, closed container for disposal.
- Clean contaminated area with water and detergent as appropriate.

#### 6.4 Reference to other sections

- For personal protective equipment see Section 8.
- For disposal considerations see Section 13.

### SECTION-7: Handling and storage

#### SECTION 7: Handling and storage

##### 7.1 Precautions for safe handling

- Use only with adequate ventilation.
- Avoid contact with skin, eyes, and clothing.
- Avoid breathing dust.
- Keep container tightly closed when not in use.
- Practice good industrial hygiene: wash hands after handling.

##### 7.2 Conditions for safe storage, including any incompatibilities

- Store in a cool, dry, well-ventilated place.
- Keep in original container, tightly closed.
- Protect from moisture.
- Incompatible materials: Not available.

##### 7.3 Specific end use(s)

- Laboratory/research use. Impurity/analytical standard use.
- Not available.

### SECTION 8: Exposure controls / personal protection

#### SECTION 8: Exposure controls/personal protection

##### 8.1 Control parameters

###### Occupational exposure limits:

- Not available.

###### Biological limit values:

- Not available.

##### 8.2 Exposure controls

### Engineering controls:

- Provide appropriate exhaust ventilation and/or general ventilation.
- Use local exhaust where dust may be generated.

### Personal protective equipment (PPE):

#### Eye/face protection:

- Safety glasses with side shields or chemical splash goggles.

#### Skin protection:

- Wear protective gloves (material not specified).
- Wear appropriate protective clothing.

#### Respiratory protection:

- If ventilation is inadequate or dust is generated, use a suitable particulate respirator in accordance with applicable standards.

#### Hygiene measures:

- Handle in accordance with good industrial hygiene and safety practice.
- Wash hands before breaks and at end of workday.

## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

Test	Result
Appearance	No data available
IR spectrum	No data available
pH	No data available
Solubility	No data available

Property	Value
a) Physical State	No data available
b) Color	No data available
c) Odor	No data available
d) pH	No data available
e) Vapour Pressure	No data available
f) Viscosity	No data available
g) Initial Boiling Point and boiling range	No data available
h) Melting Point / Freezing Point	No data available

Property	Value
i) Auto Ignition Temperature	No data available
j) Flash Point	No data available
k) Explosion Limit, Lower	No data available
l) Explosion Limit, Upper	No data available
m) Decomposition Temperature	No data available
n) Loss on Drying	No data available
o) Relative Density	No data available
p) Solubility (in DMSO)	No data available
q) Oxidizing Properties	No data available

## SECTION 10: Stability and reactivity

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#### 10.1 Reactivity

- No data available.

#### 10.2 Chemical stability

- Stable under recommended storage conditions.

#### 10.3 Possibility of hazardous reactions

- No data available.

#### 10.4 Conditions to avoid

- Avoid dust formation.
- Avoid heat and moisture (as applicable).
- Not available.

#### 10.5 Incompatible materials

- Not available.

#### 10.6 Hazardous decomposition products

- Not available.

## SECTION 11: Toxicological information

### 11.1 Information on toxicological effects

- Acute toxicity: No data available.
- Skin corrosion/irritation: No data available.
- Serious eye damage/eye irritation: No data available.
- Respiratory or skin sensitization: No data available.
- Germ cell mutagenicity: No data available.
- Carcinogenicity: No data available.

- Reproductive toxicity: No data available.
- STOT-single exposure: No data available.
- STOT-repeated exposure: No data available.
- Aspiration hazard: No data available.

Likely routes of exposure

- No data available.

Symptoms related to the physical, chemical and toxicological characteristics

- Not available.

## SECTION 12: Ecological information

SECTION 12: Ecological information

12.1 Toxicity

- No data available.

12.2 Persistence and degradability

- No data available.

12.3 Bioaccumulative potential

- No data available.

12.4 Mobility in soil

- No data available.

12.5 Results of PBT and vPvB assessment

- Not available.

12.6 Endocrine disrupting properties

- Not available.

12.7 Other adverse effects

- No data available.

## SECTION 13: Disposal considerations

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Product:

- Dispose of contents/container in accordance with local/regional/national/international regulations.
- Do not discharge to drains.

Contaminated packaging:

- Dispose of as unused product.

Waste code:

- Not available.

## SECTION 14: Transport information

### SECTION 14: Transport information

#### 14.1 UN number

- Not available.

#### 14.2 UN proper shipping name

- Not available.

#### 14.3 Transport hazard class(es)

- Not available.

#### 14.4 Packing group

- Not available.

#### 14.5 Environmental hazards

- Not available.

#### 14.6 Special precautions for user

- Not available.

#### 14.7 Maritime transport in bulk according to IMO instruments

- Not available.

### SECTION 15: Regulatory information

#### SECTION 15: Regulatory information

##### 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

- Not available.

##### 15.2 Chemical safety assessment

- Not available.

### SECTION 16: Other information

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##### Revision information:

- Not available.

##### Key/legend:

- Not available.

##### Disclaimer:

- The information provided in this SDS is based on data believed to be accurate; however, no warranty is expressed or implied regarding the accuracy or completeness of this information.

- Users must determine suitability for their particular purpose and comply with all applicable laws and regulations.

##### Supplier information:

- Supplier: Clearsynth Labs Ltd., Mumbai, India

- Emergency phone: +91-22-245045900

### DISCLAIMER

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