

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

<b>Catalogue Number</b>	CS-BX-02714
<b>Product Name</b>	Trimethylolpropane Tris(thioglycolate)
<b>CAS No.</b>	10193-96-1
<b>Category</b>	Building Blocks
<b>Synonyms</b>	Trimethylolpropane trithioglycolate
<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)
- Acute toxicity (Category 4)

#### 2.2 Label Elements

**Signal Word:** Warning



#### Hazard Statement(s)

Code	Statement
H302	Harmful if swallowed.
H312	Harmful in contact with skin.

H315	Causes skin irritation.
H319	Causes serious eye irritation.
H332	Harmful if inhaled.
H335	Not available

### Precautionary Statement(s)

Code	Statement
P261	Avoid breathing dust/fume/gas/mist/vapours/spray.
P264	Wash hands thoroughly after handling.
P264+P265	Not available
P270	Not available
P271	Use only outdoors or in a well-ventilated area.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P301+P317	Not available
P302+P352	IF ON SKIN: Wash with plenty of water and soap.
P304+P340	IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present.
P317	Not available
P319	Get medical help if you feel unwell.
P321	Specific treatment (see ... on this label).
P330	Not available
P332+P317	If skin irritation occurs: Get medical help.
P337+P317	If eye irritation persists: Get medical help.
P362+P364	Take off contaminated clothing and wash it before reuse.
P403+P233	Store in a well-ventilated place. Keep container tightly closed.
P405	Store locked up.
P501	Dispose of contents/container in accordance with local/regional/national/international regulations.

### SECTION 3: Composition / information on ingredients

#### 3.1 Substance

Component : Trimethylolpropane Tris(thioglycolate)

CAS Number : 10193-96-1  
Molecular Formula : C<sub>12</sub>H<sub>20</sub>O<sub>6</sub>S<sub>3</sub>  
Molecular Weight : 356.48  
Parent Chemical : -  
Synonyms : Trimethylolpropane trithioglycolate  
Concentration : Not available

### SECTION 4: First aid measures

#### SECTION 4: First-aid measures

##### 4.1 Description of first aid measures

###### General advice:

- Remove contaminated clothing and shoes. Seek medical attention if symptoms persist.
- Show this safety data sheet to the doctor in attendance.

###### Inhalation:

- Move person to fresh air. Keep at rest in a position comfortable for breathing.
- If breathing is difficult or symptoms occur, get medical attention.

###### Skin contact:

- Wash immediately with plenty of soap and water.
- Get medical attention if irritation or other symptoms develop.

###### Eye contact:

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

###### Ingestion:

- Rinse mouth. Do NOT induce vomiting unless directed by medical personnel.
- Never give anything by mouth to an unconscious person.
- Get 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.
- Not available.

###### Unsuitable extinguishing media:

- Not available.

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

- Hazardous combustion products: Not available.
- Specific hazards: 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 where possible.

## SECTION 6: Accidental release measures

### SECTION 6: Accidental release measures

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

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

#### 6.2 Environmental precautions

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

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

- Contain spill.
- Absorb with inert material (e.g., sand, earth, vermiculite) and place in a suitable, labeled waste container.
- Clean contaminated area with appropriate cleaning methods.

#### 6.4 Reference to other sections

- See Section 8 for personal protective equipment.
- See Section 13 for disposal considerations.

## SECTION-7: Handling and storage

### SECTION 7: Handling and storage

#### 7.1 Precautions for safe handling

- Handle in accordance with good industrial hygiene and safety practice.
- Avoid contact with skin, eyes, and clothing.
- Avoid breathing vapors/mists.
- Use only with adequate ventilation.
- Keep container tightly closed when not in use.

#### 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 and contamination.
- Incompatible materials: Not available.

#### 7.3 Specific end use(s)

- Building block / laboratory and industrial use. Not available.

### SECTION 8: Exposure controls / personal protection

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

##### 8.1 Control parameters

###### Occupational exposure limits:

- Not available.

###### Derived no-effect level (DNEL) / Predicted no-effect concentration (PNEC):

- Not available.

##### 8.2 Exposure controls

###### Engineering controls:

- Provide adequate general and/or local exhaust ventilation to control airborne levels.

###### Personal protective equipment (PPE):

###### Eye/face protection:

- Safety glasses with side shields or chemical splash goggles.

###### Skin protection:

- Wear protective gloves. Suitable glove material: Not available.
- Wear protective clothing as appropriate.

###### Respiratory protection:

- If ventilation is inadequate or exposure is likely, use appropriate respiratory protection. Specific type: Not available.

###### Hygiene measures:

- Wash hands thoroughly after handling.
- Remove contaminated clothing and wash before reuse.

###### Environmental exposure controls:

- Avoid release to the environment.

### 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

Property	Value
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
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

- Not available.

#### 10.2 Chemical stability

- Stable under recommended storage conditions.

#### 10.3 Possibility of hazardous reactions

- Not available.

#### 10.4 Conditions to avoid

- 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

- Not available.

##### 12.2 Persistence and degradability

- Not available.

##### 12.3 Bioaccumulative potential

- Not available.

##### 12.4 Mobility in soil

- Not available.

##### 12.5 Results of PBT and vPvB assessment

- Not available.

##### 12.6 Endocrine disrupting properties

- Not available.

##### 12.7 Other adverse effects

- Not 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 in accordance with applicable regulations.

Waste code:

- Not available.

### SECTION 14: Transport information

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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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Product identifier:

- Product name: Trimethylolpropane Tris(thioglycolate)
- Synonyms: Trimethylolpropane trithioglycolate
- CAS No.: 10193-96-1
- Molecular weight: 356.48
- Catalog No.: CS-BX-02714

Supplier information:

- Clearsynth Labs Ltd., Mumbai, India
- Emergency phone: +91-22-245045900

Revision information:

- Not available.

Disclaimer:

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