

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

|                             |                                       |
|-----------------------------|---------------------------------------|
| <b>Catalogue Number</b>     | CS-T-12741                            |
| <b>Product Name</b>         | Chlorotriisopropylsilane              |
| <b>CAS No.</b>              | 13154-24-0                            |
| <b>Category</b>             | Building Blocks                       |
| <b>Synonyms</b>             | chlorotriisopropylsilane              |
| <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.<br>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:

Not available

#### 2.2 Label Elements

**Signal Word:** Warning



#### Hazard Statement(s)

| Code | Statement     |
|------|---------------|
| H314 | Not available |

#### Precautionary Statement(s)

| Code | Statement |
|------|-----------|
|------|-----------|

|                |   |
|----------------|---|
| P260           | Not available   |
| P264           | Wash hands thoroughly after handling.   |
| P280           | Wear protective gloves/protective clothing/eye protection/face protection.                        |
| P301+P330+P331 | Not available   |
| P302+P361+P354 | Not available   |
| P304+P340      | IF INHALED: Remove person to fresh air and keep comfortable for breathing.                        |
| P305+P354+P338 | Not available   |
| P316           | Not available   |
| P321           | Specific treatment (see ... on this label).   |
| P363           | Not available   |
| P405           | Store locked up.  |
| P501           | Dispose of contents/container in accordance with local/regional/national/international regulation |

### SECTION 3: Composition / information on ingredients

#### 3.1 Substance

Component : Chlorotriisopropylsilane

CAS Number : 13154-24-0

Molecular Formula : C<sub>9</sub>H<sub>19</sub>ClSi

Molecular Weight : 192.80

Parent Chemical : -

Synonyms : chlorotriisopropylsilane

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 or are severe.
- Inhalation: Move person to fresh air. Keep at rest. If breathing is difficult, seek medical attention.
- Skin contact: Wash immediately with plenty of soap and water. Seek 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. Seek immediate medical attention.
- Ingestion: Rinse mouth. Do NOT induce vomiting. Never give anything by mouth to an unconscious person. 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: Dry chemical, carbon dioxide (CO<sub>2</sub>), alcohol-resistant foam.
- Unsuitable extinguishing media: Not available.

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

- Hazardous combustion products: Not available.
- Vapors may form explosive mixtures with air: Not available.

##### 5.3 Advice for firefighters

- Wear self-contained breathing apparatus (SCBA) and full protective gear.
- Cool containers with water spray to prevent rupture 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.
- Ensure adequate ventilation.
- Avoid breathing vapors/mists.
- Wear appropriate personal protective equipment (see Section 8).

##### 6.2 Environmental precautions

- Avoid release to the environment.
- Prevent entry into drains, sewers, or waterways.

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

- Contain spill with inert absorbent material (e.g., sand, vermiculite).
- Collect into suitable, labeled containers for disposal.
- Clean contaminated area after material pickup.

##### 6.4 Reference to other sections

- See Section 8 for exposure controls/personal protection.
- 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 and eyes.
- Avoid breathing vapors/mists.
- Use only with adequate ventilation.
- Keep away from incompatible materials.

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

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

### 7.3 Specific end use(s)

- Building block / laboratory chemical. No further information 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: Use local exhaust ventilation or general ventilation to maintain airborne concentrations below applicable limits (if established).
- Personal protective equipment (PPE):
  - Eye/face protection: Safety glasses with side shields or chemical splash goggles.
  - Skin protection: Protective gloves (chemical-resistant). Protective clothing as appropriate.
  - Respiratory protection: If ventilation is inadequate, use appropriate respiratory protection. Specific respirator selection: Not available.
- Hygiene measures: Wash hands thoroughly after handling. Remove contaminated clothing and wash before reuse.

## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

| Test        | Result            |
|-------------|-------------------|
| Appearance  | Colourless liquid |
| IR spectrum | No data available |
| pH          | No data available |
| Solubility  | In chloroform     |

| 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

### SECTION 10: Stability and reactivity

#### 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

- Heat, sparks, open flames.
- Moisture/humidity.

#### 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

- Dispose of contents/container in accordance with local/regional/national/international regulations.
- Do not discharge to drains or the environment.
- Incineration or disposal through a licensed waste contractor may be appropriate.
- Waste code: Not available.

### SECTION 14: Transport information

#### SECTION 14: Transport information

- UN number: Not available.
- UN proper shipping name: Not available.
- Transport hazard class(es): Not available.
- Packing group: Not available.
- Environmental hazards: Not available.
- Special precautions for user: Not available.
- 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

#### SECTION 16: Other information

- Product name: Chlorotriisopropylsilane
- CAS No.: 13154-24-0
- Catalog No.: CS-T-12741
- Supplier: Clearsynth Labs Ltd., Mumbai, India
- Emergency phone: +91-22-245045900

#### Disclaimer

- The information provided is believed to be accurate based on available data, but no warranty is expressed or implied. Users are responsible for determining suitability for their particular application and for compliance with applicable laws and regulations.

#### Revision information

- Revision date: Not available.
- Version: Not available.

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