

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

|                             |                                       |
|-----------------------------|---------------------------------------|
| <b>Catalogue Number</b>     | CS-T-61030                            |
| <b>Product Name</b>         | Quinoline-6-sulfonyl Chloride         |
| <b>CAS No.</b>              | 65433-99-0                            |
| <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.<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:

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. |
| H314 | Not available                 |

|      |                                |
|------|--------------------------------|
| H319 | Causes serious eye irritation. |
| H332 | Harmful if inhaled.            |

### Precautionary Statement(s)

| Code           | Statement   |
|----------------|---|
| P260           | Not available   |
| 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   |
| P301+P330+P331 | Not available   |
| P302+P352      | IF ON SKIN: Wash with plenty of water and soap.   |
| P302+P361+P354 | Not available   |
| 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.   |
| P305+P354+P338 | Not available   |
| P316           | Not available   |
| P317           | Not available   |
| P321           | Specific treatment (see ... on this label).   |
| P330           | Not available   |
| P337+P317      | If eye irritation persists: Get medical help.   |
| P362+P364      | Take off contaminated clothing and wash it before reuse.  |
| 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 : Quinoline-6-sulfonyl Chloride

CAS Number : 65433-99-0

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:

- Seek medical attention if symptoms occur or persist.
- Show this SDS to the physician in attendance.

Inhalation:

- Move person to fresh air.
- If breathing is difficult, seek medical attention.

Skin contact:

- Remove contaminated clothing and shoes.
- Wash skin with plenty of water.
- Seek medical attention if irritation develops.

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 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.
- No data 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 surrounding environment.
- Water spray, dry chemical, foam, or carbon dioxide (CO<sub>2</sub>).

Unsuitable extinguishing media:

- Not available.

5.2 Special hazards arising from the substance or mixture

- May emit hazardous decomposition products under fire conditions.
- Hydrogen chloride (HCl) and sulfur oxides may be generated.
- Nitrogen oxides may be generated.

5.3 Advice for firefighters

- Wear self-contained breathing apparatus (SCBA) and full protective gear.
- Avoid inhalation of combustion/decomposition fumes.
- Cool containers with water spray if exposed to fire.

## 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 dust/vapors.
- Wear appropriate personal protective equipment (see Section 8).

6.2 Environmental precautions

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

6.3 Methods and material for containment and cleaning up

- Avoid dust formation.
- Collect spilled material using inert absorbent or by careful sweeping/shoveling into suitable, labeled containers.
- Clean contaminated area with appropriate methods while preventing runoff.

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 and eyes.
- Avoid breathing dust/vapors.
- 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.
- Protect from moisture.

- Keep away from incompatible materials.

Incompatible materials (general):

- Water/moisture.
- Strong bases.
- Strong oxidizing agents.
- Amines and alcohols (may react).

7.3 Specific end use(s)

- Laboratory/research use. Not available for other specific uses.

### SECTION 8: Exposure controls / personal protection

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Occupational exposure limits:

- Not available.

8.2 Exposure controls

Engineering controls:

- Use local exhaust ventilation or other engineering controls to maintain airborne levels below applicable limits.
- If exposure limits are not established, minimize exposure.

Personal protective equipment (PPE):

Eye/face protection:

- Safety glasses with side shields or chemical splash goggles.

Skin protection:

- Wear protective gloves (material not available; select based on chemical compatibility).
- Wear protective clothing to prevent skin contact.

Respiratory protection:

- If ventilation is inadequate or dust/aerosols may be generated, use an appropriate NIOSH/EN-approved respirator.

Hygiene measures:

- Wash hands thoroughly after handling.
- Remove contaminated clothing and wash before reuse.
- Do not eat, drink, or smoke when using this product.

### 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 |

| Test       | Result            |
|------------|-------------------|
| 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 |
| 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

- Reactive with moisture/water (may hydrolyze).
- No data available.

##### 10.2 Chemical stability

- Stable under recommended storage conditions.

##### 10.3 Possibility of hazardous reactions

- May react with water/moisture.

- No data available.

#### 10.4 Conditions to avoid

- Moisture.
- Heat.
- Dust generation.

#### 10.5 Incompatible materials

- Water/moisture.
- Strong bases.
- Strong oxidizing agents.
- Nucleophiles such as amines and alcohols.

#### 10.6 Hazardous decomposition products

- Hydrogen chloride (HCl).
- Sulfur oxides.
- Nitrogen oxides.
- No data available for additional decomposition products.

### 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

- No data available.

#### 12.7 Other adverse effects

- No data 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.

- Incineration or disposal via a licensed chemical waste contractor may be appropriate.

##### Contaminated packaging:

- Dispose of as unused product in accordance with applicable regulations.

##### 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.

#### National/Regional inventories:

- Not available.

#### 15.2 Chemical safety assessment

- No data available.

### SECTION 16: Other information

#### SECTION 16: Other information

##### Product identifier:

- Product name: Quinoline-6-sulfonyl Chloride
- Catalog No.: CS-T-61030
- CAS No.: 65433-99-0
- Supplier: Clearsynth Labs Ltd., Mumbai, India
- Emergency phone: +91-22-245045900

##### Revision information:

- Not available.

##### Disclaimer:

- The information provided is believed to be correct but does not purport to be all-inclusive and shall be used only as a guide. The supplier shall not be held liable for any damage resulting from handling or from contact with the product.

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