

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

|                             |  |
|-----------------------------|--|
| <b>Catalogue Number</b>     | CS-AZ-00201  |
| <b>Product Name</b>         | Imibenconazole   |
| <b>CAS No.</b>              | 86598-92-7   |
| <b>Category</b>             | Pesticide Standards  |
| <b>Synonyms</b>             | 4-chlorobenzyl (Z)-N-(2,4-dichlorophenyl)-2-(1H-1,2,4-triazol-1-yl)ethanimidothioate |
| <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                            |
|------|--------------------------------------|
| H261 | Not available                        |
| H317 | May cause an allergic skin reaction. |
| H361 | Not available                        |
| H371 | Not available                        |

|      |               |
|------|---------------|
| H373 | Not available |
| H400 | Not available |
| H410 | Not available |
| H303 | Not available |
| H320 | Not available |

**Precautionary Statement(s)**

| Code      | Statement   |
|-----------|---|
| P203      | Not available   |
| P231+P232 | Not available   |
| P260      | Not available   |
| P261      | Avoid breathing dust/fume/gas/mist/vapours/spray.   |
| P264      | Wash hands thoroughly after handling.   |
| P270      | Not available   |
| P272      | Not available   |
| P273      | Not available   |
| P280      | Wear protective gloves/protective clothing/eye protection/face protection.                        |
| P302+P352 | IF ON SKIN: Wash with plenty of water and soap.   |
| P308+P316 | Not available   |
| P318      | Not available   |
| P319      | Get medical help if you feel unwell.  |
| P321      | Specific treatment (see ... on this label).   |
| P333+P317 | Not available   |
| P362+P364 | Take off contaminated clothing and wash it before reuse.  |
| P370+P378 | Not available   |
| P391      | Not available   |
| P402+P404 | Not available   |
| P405      | Store locked up.  |
| P501      | Dispose of contents/container in accordance with local/regional/national/international regulation |
| P264+P265 | Not available   |

|                |  |
|----------------|--|
| P301+P317      | Not available  |
| P305+P351+P338 | IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present |
| P337+P317      | If eye irritation persists: Get medical help.  |

### SECTION 3: Composition / information on ingredients

#### 3.1 Substance

Component : Imibenconazole

CAS Number : 86598-92-7

Molecular Formula : C<sub>17</sub>H<sub>13</sub>Cl<sub>3</sub>N<sub>4</sub>S

Molecular Weight : 411.73

Parent Chemical : -

Synonyms : 4-chlorobenzyl (Z)-N-(2,4-dichlorophenyl)-2-(1H-1,2,4-triazol-1-yl)ethanimidothioate

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 develop.
- Inhalation: Move person to fresh air. Keep at rest. If breathing is difficult, seek medical attention.
- Skin contact: Wash with plenty of soap and water. Get medical attention if irritation occurs.
- Eye contact: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. Seek medical attention if irritation persists.
- 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: Water spray, alcohol-resistant foam, dry chemical, carbon dioxide (CO<sub>2</sub>).
- Unsuitable extinguishing media: Not available.

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

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

##### 5.3 Advice for firefighters

- Wear self-contained breathing apparatus (SCBA) and full protective gear.
- Use water spray to cool unopened containers.
- Prevent fire-fighting water from entering drains or waterways.

### SECTION 6: Accidental release measures

#### SECTION 6: Accidental release measures

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

- Avoid breathing dust/vapors/mist.
- 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 entry into drains, surface water, and soil.

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

- Contain spill. Collect spilled material using non-combustible absorbent material.
- Sweep/shovel into suitable, labeled containers for disposal.
- Clean contaminated area with water and detergent; avoid generating dust.

##### 6.4 Reference to other sections

- See Section 8 for exposure controls/personal protection and 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 formation of dust and aerosols.
- Avoid contact with skin, eyes, and clothing.
- Do not eat, drink, or smoke when using this product.
- Wash hands thoroughly after handling.

##### 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 away from incompatible materials. Incompatible materials: Not available.

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

- Laboratory/research use. Pesticide standard. No data 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.
- Biological limit values: Not available.

##### 8.2 Exposure controls

- Engineering controls: Use local exhaust ventilation or general ventilation to minimize exposure.

### Personal protective equipment (PPE)

- Eye/face protection: Safety glasses with side shields or chemical splash goggles.
- Skin protection: Protective gloves (material not specified). Wear protective clothing to prevent skin contact.
- Respiratory protection: If ventilation is inadequate or dust/aerosols are generated, use an appropriate particulate respirator. Specific selection: Not available.
- Hygiene measures: Remove contaminated clothing and wash before reuse. Wash hands after handling.

## 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 |
| 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 |

| Property                | Value             |
|-------------------------|-------------------|
| 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

- 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

- Excess heat, ignition sources, and moisture (if applicable). No data available.

##### 10.5 Incompatible materials

- Not available.

##### 10.6 Hazardous decomposition products

- Not available. Thermal decomposition may produce irritating and/or toxic fumes.

### 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 or the environment.
- Recommended disposal method: Use a licensed chemical waste contractor/incineration where permitted.
- Contaminated packaging: Dispose of as unused product unless cleaned according to applicable regulations.

### 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

- Regulatory listings/classification: Not available.

### 15.2 Chemical safety assessment

- No data available.

## SECTION 16: Other information

### SECTION 16: Other information

- Product name: Imibenconazole
- CAS No.: 86598-92-7
- Catalog No.: CS-AZ-00201
- Supplier: Clearsynth Labs Ltd., Mumbai, India
- Emergency phone: +91-22-245045900

### Disclaimer

- The information provided is believed to be accurate based on available data; however, 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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