

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

|                             |                                       |
|-----------------------------|---------------------------------------|
| <b>Catalogue Number</b>     | CS-ED-00504                           |
| <b>Product Name</b>         | O-Diethoxy benzene                    |
| <b>CAS No.</b>              | 2050-46-6                             |
| <b>Category</b>             | Fine Chemicals                        |
| <b>Synonyms</b>             | Catechol diethyl ether                |
| <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)

#### 2.2 Label Elements

**Signal Word:** Warning



#### Hazard Statement(s)

| Code | Statement                      |
|------|--------------------------------|
| H318 | Causes serious eye damage.     |
| H319 | Causes serious eye irritation. |

#### Precautionary Statement(s)

| Code           | Statement   |
|----------------|---|
| P264+P265      | Not available   |
| P280           | Wear protective gloves/protective clothing/eye protection/face protection.                      |
| P305+P351+P338 | IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present. |
| P305+P354+P338 | Not available   |
| P317           | Not available   |
| P337+P317      | If eye irritation persists: Get medical help.   |

### SECTION 3: Composition / information on ingredients

#### 3.1 Substance

Component : O-Diethoxy benzene

CAS Number : 2050-46-6

Molecular Formula : C10H14O2

Molecular Weight : 166.22

Parent Chemical : .

Synonyms : Catechol diethyl ether

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 persist or if you feel unwell. Show this SDS to the physician in attendance.

Inhalation: Remove person to fresh air and keep comfortable for breathing. If symptoms occur, get medical advice/attention.

Skin contact: Remove contaminated clothing and shoes. Wash skin with plenty of water and soap. Get medical advice/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. Get medical advice/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 advice/attention.

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

Not available.

##### 4.3 Indication of 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 the surrounding environment (e.g., dry chemical, foam, carbon dioxide, water spray).

Unsuitable extinguishing media: Not available.

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

Specific hazards: Not available.

Hazardous combustion products: Not available.

#### 5.3 Advice for firefighters

Wear self-contained breathing apparatus (SCBA) and full protective gear. Cool containers exposed to fire with water spray. 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 vapors/mist and contact with skin/eyes. Ensure adequate ventilation. Wear appropriate personal protective equipment.

##### 6.2 Environmental precautions

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

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

Contain spill. Absorb with inert material (e.g., sand, earth, vermiculite). Collect into suitable, labeled containers for disposal. Clean contaminated area with water and detergent where appropriate. Dispose of waste in accordance with local regulations.

##### 6.4 Reference to other sections

See Section 8 for personal protective equipment 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 breathing vapors/mist. Avoid contact with skin, eyes, and clothing. Use only with adequate ventilation. Wash thoroughly after handling. 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 container tightly closed. Protect from physical damage. Incompatible materials: Not available.

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

Fine chemical / laboratory use. 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: 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: Protective gloves (material not specified; select based on chemical compatibility) and protective clothing.
  - Respiratory protection: If ventilation is inadequate or exposure is possible, use an appropriate NIOSH/EN-approved respirator.
  - Hygiene measures: Wash hands after handling. Remove and wash contaminated clothing before reuse.
- Environmental exposure controls: Avoid release to the environment; use appropriate containment.

**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 |

| Property                     | Value             |
|------------------------------|-------------------|
| 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. No data available.

##### 10.3 Possibility of hazardous reactions

No data 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

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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.

Waste classification: Not available.

Recommended disposal method: Use a licensed chemical waste contractor where available. Contaminated

packaging: Dispose of as unused product unless cleaned and permitted by regulations.

## 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

No data available.

### SECTION 16: Other information

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Product: O-Diethoxy benzene

Catalog No.: CS-ED-00504

CAS No.: 2050-46-6

Synonyms: Catechol diethyl ether

Supplier: Clearsynth Labs Ltd., Mumbai, India

Emergency phone: +91-22-245045900

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Revision date: Not available.

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