

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

|                             |                                                                                                                                                                                                                                                                   |
|-----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Catalogue Number</b>     | CS-T-97982                                                                                                                                                                                                                                                        |
| <b>Product Name</b>         | Monoisopropyl Phthalate-d4                                                                                                                                                                                                                                        |
| <b>CAS No.</b>              | Not available                                                                                                                                                                                                                                                     |
| <b>Category</b>             | Stable Isotopes                                                                                                                                                                                                                                                   |
| <b>Synonyms</b>             | "1,2-Benzenedicarboxylic Acid 1-(1-Methylethyl) Ester-d4; 1,2-Benzenedicarboxylic Acid Mono(1-methylethyl) Ester-d4; Phthalic Acid Isopropyl Ester-d4; Isopropyl Hydrogen o-Phthalate-d4; Phthalic Acid Monoisopropyl Ester-d4; o-(Isopropoxycarbonyl)benzoic Ac" |
| <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:** Not available

Not available

#### Hazard Statement(s)

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

#### Precautionary Statement(s)

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

### SECTION 3: Composition / information on ingredients

#### 3.1 Substance

Component : Monoisopropyl Phthalate-d4

CAS Number : Not available

Molecular Formula : C11H8D4O4

Molecular Weight : 212.24

Parent Chemical : Not available

Synonyms : "1,2-Benzenedicarboxylic Acid 1-(1-Methylethyl) Ester-d4; 1,2-Benzenedicarboxylic Acid

Mono(1-methylethyl) Ester-d4; Phthalic Acid Isopropyl Ester-d4; Isopropyl Hydrogen o-Phthalate-d4; Phthalic Acid

Monoisopropyl Ester-d4; o-(Isopropoxycarbonyl)benzoic Ac"

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. 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/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 surrounding fire (e.g., water spray, alcohol-resistant foam, dry chemical, carbon dioxide).
- Unsuitable extinguishing media: Not available.

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

- Hazardous combustion products: May include carbon oxides. Other decomposition products: 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.
- Avoid inhalation of combustion fumes.

### 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

- Prevent further leakage or spillage if safe to do so.
- Avoid release to the environment. Do not allow to enter drains/surface waters/groundwater.

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

- Contain spill. Collect using inert absorbent material and place in a suitable, labeled waste container.
- Clean contaminated area with appropriate cleaning method. Avoid generating dust.

##### 6.4 Reference to other sections

- Disposal considerations: see Section 13. Exposure controls/PPE: see Section 8.

### 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 dust/vapors/mist.
- Use with adequate ventilation.
- Wash hands thoroughly after handling.

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

- Store in a tightly closed container.
- Store in a cool, dry, well-ventilated place.
- Protect from moisture and incompatible materials.
- Incompatible materials: Not available.

##### 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.
- Biological limit values: Not available.

##### 8.2 Exposure controls

- Engineering controls: Provide adequate ventilation. Use local exhaust where appropriate.

- Personal protective equipment (PPE):
- Eye/face protection: Safety glasses with side shields or chemical goggles.
- Skin protection: Protective gloves (material not specified). Protective clothing as appropriate.
- Respiratory protection: If ventilation is inadequate or exposure is possible, use appropriate respiratory protection (type not specified).
- Hygiene measures: Wash hands 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 |
| 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

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##### 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

- Not available.

##### 10.5 Incompatible materials

- Not available.

##### 10.6 Hazardous decomposition products

- May include carbon oxides. Other 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.
- Recommended disposal method: Not available.
- Contaminated packaging: Dispose of as unused product unless cleaned and permitted by 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.

Note: Transport classification may vary by mode (ADR/RID, IMDG, IATA). No data 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 (e.g., TSCA, REACH, DSL, EINECS/ELINCS, IECSC, ENCS, AICS): Not available.
- GHS classification: Not available.

#### 15.2 Chemical safety assessment

- No data available.

### SECTION 16: Other information

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- Product name: Monoisopropyl Phthalate-d4
- Catalog No.: CS-T-97982
- Supplier: Clearsynth Labs Ltd., Mumbai, India
- Emergency phone: +91-22-245045900
- Synonyms: 1,2-Benzenedicarboxylic Acid 1-(1-Methylethyl) Ester-d4; 1,2-Benzenedicarboxylic Acid Mono(1-methylethyl) Ester-d4; Phthalic Acid Isopropyl Ester-d4; Isopropyl Hydrogen o-Phthalate-d4; Phthalic Acid Monoisopropyl Ester-d4; o-(Isopropoxycarbonyl)benzoic Ac

#### Disclaimer

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

#### Revision information

- Revision date: Not available.
- SDS version: Not available.

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