

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

|                             |                                       |
|-----------------------------|---------------------------------------|
| <b>Catalogue Number</b>     | CS-T-94000                            |
| <b>Product Name</b>         | 4,5-Dibromo-7-aza-2-oxindole          |
| <b>CAS No.</b>              | 1190316-62-1                          |
| <b>Category</b>             | Building Blocks                       |
| <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:

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 : 4,5-Dibromo-7-aza-2-oxindole

CAS Number : 1190316-62-1

Molecular Formula : C<sub>7</sub>H<sub>4</sub>N<sub>2</sub>OBr<sub>2</sub>

Molecular Weight : 291.92

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:

- Show this safety data sheet to the doctor in attendance.
- Move out of dangerous area. Seek medical attention if symptoms persist.

If inhaled:

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

In case of skin contact:

- Wash off with soap and plenty of water.
- Remove contaminated clothing and shoes. Wash clothing before reuse.
- Seek medical attention if irritation develops or persists.

In case of eye contact:

- Rinse cautiously with water for several minutes.
- Remove contact lenses if present and easy to do; continue rinsing.
- Seek medical attention.

If swallowed:

- Rinse mouth with water.
- 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 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

- May form hazardous decomposition products under fire conditions.
- Hydrogen bromide and/or bromine-containing fumes 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 products.
- Use water spray to cool unopened containers.

## SECTION 6: Accidental release measures

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

- Evacuate unnecessary personnel.
- Avoid breathing dust/fume.
- 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. Prevent entry into drains, surface waters, or soil.

6.3 Methods and material for containment and cleaning up

- Avoid dust formation.
- Collect spilled material using suitable means (e.g., carefully sweep or vacuum with HEPA filtration).
- Place in a suitable, closed container for disposal.
- Clean contaminated area with water and detergent as appropriate.

6.4 Reference to other sections

- For disposal considerations, see Section 13.
- For personal protective equipment, 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 formation of dust and aerosols.
- Avoid contact with skin, eyes, and clothing.
- Do not breathe dust.
- Use only with adequate ventilation; use local exhaust where appropriate.
- 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.
- Keep away from incompatible materials.

Incompatible materials:

- Not available.

### 7.3 Specific end use(s)

- Building block / laboratory research use. Not for food, drug, or household use.

## 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

Appropriate engineering controls:

- Provide adequate general and local exhaust ventilation to minimize airborne concentrations.

Personal protective equipment (PPE):

Eye/face protection:

- Safety glasses with side shields or chemical splash goggles.

Skin protection:

- Wear protective gloves.
- Wear appropriate protective clothing.

Respiratory protection:

- If ventilation is inadequate or dust is generated, use a NIOSH/EN-approved particulate respirator as appropriate.

Hygiene measures:

- Handle in accordance with good industrial hygiene and safety practice.
- Wash hands before breaks and at end of workday.

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 |

| 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

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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

- Heat, open flame, and sources of ignition.
- Moisture (if applicable).
- Dust generation.

#### 10.5 Incompatible materials

- Not available.

#### 10.6 Hazardous decomposition products

- Hydrogen bromide and/or bromine-containing compounds.
- Nitrogen 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

- 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

- No data 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

##### Product:

- Dispose of contents/container in accordance with local/regional/national/international regulations.
- Do not discharge to drains.

##### Contaminated packaging:

- Dispose of as unused product.

##### 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 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 status/inventories: Not available.
- GHS classification: Not available.

#### 15.2 Chemical safety assessment

- No data available.

### SECTION 16: Other information

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##### Recommended use:

- For laboratory/research use as a building block.

##### Further information:

- The information provided is based on data believed to be accurate; however, no warranty is expressed or implied regarding the accuracy or completeness of this information.
- Users should make their own determination of suitability for their particular purposes.

##### Revision date:

- Not available.

##### Supplier:

- Clearsynth Labs Ltd., Mumbai, India

##### Emergency phone:

- +91-22-245045900

### DISCLAIMER

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