

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

|                             |   |
|-----------------------------|---|
| <b>Catalogue Number</b>     | CS-M-01973                              |
| <b>Product Name</b>         | 2,6-Dibromo-4-(trifluoromethoxy)aniline |
| <b>CAS No.</b>              | 88149-49-9                              |
| <b>Category</b>             | Impurity                                |
| <b>Synonyms</b>             | Dibromotrifluoro methoxyaniline         |
| <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:

Skin irritation (Category 2)

Serious eye damage/eye irritation (Category 2)

#### 2.2 Label Elements

**Signal Word:** Warning



#### Hazard Statement(s)

| Code | Statement                      |
|------|--------------------------------|
| H315 | Causes skin irritation.        |
| H319 | Causes serious eye irritation. |
| H335 | Not available                  |

### Precautionary Statement(s)

| Code           | Statement   |
|----------------|---|
| P261           | Avoid breathing dust/fume/gas/mist/vapours/spray.   |
| P264           | Wash hands thoroughly after handling.   |
| P264+P265      | Not available   |
| P271           | Use only outdoors or in a well-ventilated area.   |
| P280           | Wear protective gloves/protective clothing/eye protection/face protection.                          |
| P302+P352      | IF ON SKIN: Wash with plenty of water and soap.   |
| 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.     |
| P319           | Get medical help if you feel unwell.  |
| P321           | Specific treatment (see ... on this label).   |
| P332+P317      | If skin irritation occurs: Get medical help.  |
| P337+P317      | If eye irritation persists: Get medical help.   |
| P362+P364      | Take off contaminated clothing and wash it before reuse.  |
| P403+P233      | Store in a well-ventilated place. Keep container tightly closed.                                    |
| P405           | Store locked up.  |
| P501           | Dispose of contents/container in accordance with local/regional/national/international regulations. |

### SECTION 3: Composition / information on ingredients

#### 3.1 Substance

Component : 2,6-Dibromo-4-(trifluoromethoxy)aniline

CAS Number : 88149-49-9

Molecular Formula : C7H4Br2F3NO

Molecular Weight : 334.9

Parent Chemical : Riluzole

Synonyms : Dibromotrifluoro methoxyaniline

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 if you feel unwell.

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 develops or persists.

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. Never give anything by mouth to an unconscious person. 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 Suitable extinguishing media

Use extinguishing measures appropriate to surrounding fire (e.g., water spray, alcohol-resistant foam, dry chemical, carbon dioxide).

5.2 Special hazards arising from the substance or mixture

May decompose under fire conditions to release hazardous fumes/gases. Thermal decomposition products may include hydrogen bromide, hydrogen fluoride, carbon oxides, and nitrogen oxides. Exact decomposition products: No data available.

5.3 Advice for firefighters

Wear self-contained breathing apparatus (SCBA) and full protective gear. Fight fire from a safe distance. 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. 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 waters, and soil.

6.3 Methods and materials for containment and cleaning up

Contain spill. Avoid raising dust. Collect spilled material using suitable means (e.g., dampened absorbent or HEPA-filtered vacuum) and place in a suitable, labeled container for disposal. Clean contaminated area with appropriate cleaning method. Dispose of waste in accordance with local regulations.

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 breathing dust. Avoid contact with skin, eyes, and clothing. Use with adequate ventilation (local exhaust recommended).

### 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. Impurity/analytical standard 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: No data available.

Biological limit values: No data available.

#### 8.2 Exposure controls

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: Protective gloves (material selection based on permeation data; no data available for this product).

Wear protective clothing.

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

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

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 |
| 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, flames, sparks. Avoid dust generation. Moisture (if applicable): No data available.

#### 10.5 Incompatible materials

Not available.

#### 10.6 Hazardous decomposition products

May produce hydrogen bromide, hydrogen fluoride, carbon oxides, and nitrogen oxides under thermal decomposition/combustion. No data available for specific conditions.

### 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.

Product: Treat as hazardous chemical waste unless determined otherwise by applicable regulations.

Contaminated packaging: Dispose of as unused product. Do not reuse empty containers unless properly 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

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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 name: 2,6-Dibromo-4-(trifluoromethoxy)aniline

CAS No.: 88149-49-9

Catalog No.: CS-M-01973

Synonyms: Dibromotrifluoro methoxyaniline

Supplier: Clearsynth Labs Ltd., Mumbai, India

Emergency phone: +91-22-245045900

Parent chemical: Riluzole (impurity)

Disclaimer: The information provided is based on available product identification details and is intended for SDS-style guidance. No warranty is expressed or implied. Users are responsible for determining suitability and for

compliance with applicable laws and regulations.

Revision date: Not available.

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