

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

|                             |   |
|-----------------------------|---|
| <b>Catalogue Number</b>     | CS-TB-22063   |
| <b>Product Name</b>         | 1-(Difluoromethyl)-1H-pyrazol-4-amine Hydrochloride |
| <b>CAS No.</b>              | 1221726-31-3  |
| <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:

Skin irritation (Category 2)

Serious eye damage/eye irritation (Category 2)

#### 2.2 Label Elements

**Signal Word:** Warning



#### Hazard Statement(s)

| Code | Statement                            |
|------|--------------------------------------|
| H314 | Not available                        |
| H315 | Causes skin irritation.              |
| H317 | May cause an allergic skin reaction. |

|      |                                |
|------|--------------------------------|
| H318 | Causes serious eye damage.     |
| H319 | Causes serious eye irritation. |
| H335 | Not available                  |
| H341 | Not available                  |
| H400 | Not available                  |
| H410 | Not available                  |

### Precautionary Statement(s)

| Code           | Statement   |
|----------------|---|
| P203           | Not available   |
| P260           | Not available   |
| 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.   |
| P272           | Not available   |
| P273           | Not available   |
| P280           | Wear protective gloves/protective clothing/eye protection/face protection.                      |
| P301+P330+P331 | Not available   |
| P302+P352      | IF ON SKIN: Wash with plenty of water and soap.   |
| P302+P361+P354 | Not available   |
| 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. |
| P305+P354+P338 | Not available   |
| P316           | Not available   |
| P317           | Not available   |
| P318           | Not available   |
| P319           | Get medical help if you feel unwell.  |
| P321           | Specific treatment (see ... on this label).   |
| P332+P317      | If skin irritation occurs: Get medical help.  |

|           |   |
|-----------|---|
| P333+P317 | Not available   |
| P337+P317 | If eye irritation persists: Get medical help.   |
| P362+P364 | Take off contaminated clothing and wash it before reuse.  |
| P363      | Not available   |
| P391      | Not available   |
| 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 regulation |

### SECTION 3: Composition / information on ingredients

#### 3.1 Substance

Component : 1-(Difluoromethyl)-1H-pyrazol-4-amine Hydrochloride

CAS Number : 1221726-31-3

Molecular Formula : C<sub>4</sub>H<sub>5</sub>N<sub>3</sub>F<sub>2</sub> · HCl

Molecular Weight : 169.56 g/mol

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: Seek medical attention if symptoms occur or persist. Show this SDS to the physician.
- Inhalation: Move person to fresh air. If breathing is difficult, seek medical attention.
- Skin contact: Wash with plenty of soap and water. Remove contaminated clothing and wash before reuse. Get medical attention if irritation develops.
- 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.

### 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.
- Unsuitable extinguishing media: Not available.

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

- Hazardous combustion 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.

## SECTION 6: Accidental release measures

### SECTION 6: Accidental release measures

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

- 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. Do not allow to enter drains.

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

- Avoid generating dust.
- Collect spilled material using suitable means (e.g., sweep carefully) and place in a suitable, labeled container for disposal.
- Clean contaminated area after material pickup.

#### 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 formation of dust and aerosols.
- Avoid contact with skin, eyes, and clothing.
- Use with adequate ventilation.

#### 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.
- Incompatible materials: Not available.

#### 7.3 Specific end use(s)

- Building block / research and development 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.

##### 8.2 Exposure controls

- Engineering controls: Provide appropriate exhaust ventilation and/or general ventilation to keep airborne levels low.
- Personal protective equipment (PPE):
- Eye/face protection: Safety glasses with side shields or chemical splash goggles.
- Skin protection: Protective gloves. Wear appropriate protective clothing.
- Respiratory protection: If ventilation is inadequate or dust is generated, use a suitable particulate respirator in accordance with applicable regulations.
- Hygiene measures: Wash hands after handling. Do not eat, drink, or smoke when using this product.
- 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 |

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

### SECTION 10: Stability and reactivity

#### 10.1 Reactivity

- Not available.

#### 10.2 Chemical stability

- Stable under recommended storage conditions.

#### 10.3 Possibility of hazardous reactions

- Not available.

#### 10.4 Conditions to avoid

- Avoid dust formation. Avoid moisture.

#### 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

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

- 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.
- Contaminated packaging: Dispose of as unused product.

## 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

- Not available.

##### 15.2 Chemical safety assessment

- No data available.

### SECTION 16: Other information

#### SECTION 16: Other information

- Product name: 1-(Difluoromethyl)-1H-pyrazol-4-amine Hydrochloride
- Catalog No.: CS-TB-22063
- CAS No.: 1221726-31-3
- Supplier: Clearsynth Labs Ltd., Mumbai, India
- Emergency phone: +91-22-245045900

#### Disclaimer

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

### DISCLAIMER

This MSDS is system-generated. Please verify and confirm all data, statements, and values with the Support Team before use or distribution.