

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

<b>Catalogue Number</b>	CS-O-62804
<b>Product Name</b>	1-(Bromomethyl)-4-(2,2,2-trifluoroethyl)benzene
<b>CAS No.</b>	1221272-87-2
<b>Category</b>	Fine Chemicals
<b>Synonyms</b>	1-Bromomethyl-4-(2,2,2-trifluoroethyl)benzene
<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. 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
H301+H311+H331	Not available
H315	Causes skin irritation.
H319	Causes serious eye irritation.

H335	Not available
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### Precautionary Statement(s)

Code	Statement
P261	Avoid breathing dust/fume/gas/mist/vapours/spray.
P262	Not available
P264	Wash hands thoroughly after handling.
P264+P265	Not available
P270	Not available
P271	Use only outdoors or in a well-ventilated area.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P301+P316	Not available
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.
P316	Not available
P319	Get medical help if you feel unwell.
P321	Specific treatment (see ... on this label).
P330	Not available
P332+P317	If skin irritation occurs: Get medical help.
P337+P317	If eye irritation persists: Get medical help.
P361+P364	Not available
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 : 1-(Bromomethyl)-4-(2,2,2-trifluoroethyl)benzene

CAS Number : 1221272-87-2

Molecular Formula : C<sub>9</sub>H<sub>8</sub>BrF<sub>3</sub>

Molecular Weight : 253.06

Parent Chemical : .

Synonyms : 1-Bromomethyl-4-(2,2,2-trifluoroethyl)benzene

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.
- 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. 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., dry chemical, carbon dioxide, foam, water spray).
- Unsuitable extinguishing media: Not available.

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

- Hazardous combustion products may include: Hydrogen bromide (HBr), hydrogen fluoride (HF), carbon oxides, and other halogenated compounds. No data available for complete decomposition products.

##### 5.3 Advice for firefighters

- Wear self-contained breathing apparatus (SCBA) and full protective gear.
- Cool containers with water spray to prevent rupture.
- 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

- Evacuate unnecessary personnel. Ensure adequate ventilation.
- Avoid breathing vapors/mist and avoid contact with skin and eyes.
- Use appropriate personal protective equipment (see Section 8).

### 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, and soil.

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

- Contain spill with inert absorbent material (e.g., sand, silica gel, universal binder).
- Collect into suitable, labeled containers for disposal.
- Clean contaminated area with suitable cleaning methods; avoid generating aerosols.

### 6.4 Reference to other sections

- Disposal considerations: see Section 13. Exposure controls/personal protection: 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.
- Use only with adequate ventilation (preferably in a chemical fume hood).
- Avoid contact with skin, eyes, and clothing. Avoid breathing vapors/mist.
- Keep away from heat, sparks, open flames, and hot surfaces.

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

- Store in a tightly closed container in a cool, dry, well-ventilated place.
- Protect from moisture and direct sunlight.
- Incompatible materials: Strong oxidizing agents; strong bases; strong acids. No data available for complete incompatibility profile.

#### 7.3 Specific end use(s)

- Fine chemical / laboratory use. No data available for specific identified uses beyond this.

## 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: Use local exhaust ventilation or general dilution ventilation to maintain exposure below applicable limits (if established). Use in a fume hood where possible.
- Personal protective equipment (PPE):
  - Eye/face protection: Safety glasses with side shields or chemical splash goggles.
  - Skin protection: Protective gloves (chemical-resistant). Select glove material based on permeation data (not available).
  - Body protection: Lab coat or chemical-resistant protective clothing as appropriate.
  - Respiratory protection: If ventilation is inadequate, use appropriate respiratory protection in accordance with applicable regulations.

- Environmental exposure controls: Avoid release to the environment; use secondary containment where appropriate.

## 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

#### SECTION 10: Stability and reactivity

##### 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, and other ignition sources. Moisture. No data available for additional conditions.

##### 10.5 Incompatible materials

- Strong oxidizing agents; strong bases; strong acids. No data available.

##### 10.6 Hazardous decomposition products

- May produce hydrogen bromide (HBr), hydrogen fluoride (HF), carbon oxides, and other halogenated decomposition products under fire/thermal decomposition. No data 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

- 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 or the environment.
- Incineration or disposal via a licensed chemical waste contractor may be appropriate.
- Contaminated packaging: Dispose of as unused product unless cleaned/decontaminated in accordance with regulations.
- Waste codes: Not available.

### 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). Confirm with current regulatory requirements and carrier.

### SECTION 15: Regulatory information

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##### 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

- Regulatory inventories (e.g., TSCA, REACH, DSL, EINECS/ELINCS, ENCS, AICS, IECSC, KECI): Not available.
- Specific national/regional regulations: Not available.

### 15.2 Chemical safety assessment

- Not available.

## SECTION 16: Other information

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- Product name: 1-(Bromomethyl)-4-(2,2,2-trifluoroethyl)benzene
- Synonyms: 1-Bromomethyl-4-(2,2,2-trifluoroethyl)benzene
- CAS No.: 1221272-87-2
- Catalog No.: CS-O-62804
- Supplier: Clearsynth Labs Ltd., Mumbai, India
- Emergency phone: +91-22-245045900

#### Disclaimer:

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