

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

<b>Catalogue Number</b>	CS-C-01522
<b>Product Name</b>	Chloroethane-1,1-d2(gas)
<b>CAS No.</b>	3652-86-6
<b>Category</b>	Stable Isotope Reagent
<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. 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:** Warning



#### Hazard Statement(s)

Code	Statement
H220	Not available
H280	Not available
H351	Not available
H412	Not available

### Precautionary Statement(s)

Code	Statement
P203	Not available
P210	Not available
P222	Not available
P273	Not available
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P318	Not available
P377	Not available
P381	Not available
P403	Not available
P405	Store locked up.
P410+P403	Not available
P501	Dispose of contents/container in accordance with local/regional/national/international regulation

### SECTION 3: Composition / information on ingredients

#### 3.1 Substance

Component : Chloroethane-1,1-d2(gas)

CAS Number : 3652-86-6

Molecular Formula : C2H3D2Cl

Molecular Weight : 66.02

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: Remove from exposure. Show this SDS to medical personnel.
- Inhalation: Move person to fresh air. Keep at rest. If breathing is difficult, seek medical attention.
- Skin contact: Remove contaminated clothing. Rinse skin with plenty of water. Seek medical attention if irritation or symptoms occur.
- Eye contact: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. Seek medical attention.

- Ingestion: Not a likely route of exposure for a gas. If swallowed, rinse mouth. Do not induce vomiting. 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.

- Unsuitable extinguishing media: Not available.

5.2 Special hazards arising from the substance or mixture

- Flammable gas/vapor may form explosive mixtures with air.

- Thermal decomposition may produce hazardous fumes/gases. Specific decomposition products: Not available.

5.3 Advice for firefighters

- Wear self-contained breathing apparatus (SCBA) and full protective gear.

- Cool containers with water spray from a safe distance.

- Fight fire from upwind and from a safe distance.

### SECTION 6: Accidental release measures

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

- Evacuate area. Eliminate all ignition sources.

- Provide adequate ventilation.

- Avoid breathing gas/vapors. Use appropriate respiratory protection.

6.2 Environmental precautions

- Prevent release to the environment where possible. No data available on specific environmental hazards.

6.3 Methods and material for containment and cleaning up

- Stop leak if safe to do so.

- Ventilate area. Allow gas to disperse.

- For large releases, isolate area and contact emergency responders.

6.4 Reference to other sections

- See Section 8 for exposure controls/personal protection; Section 13 for disposal considerations.

### SECTION-7: Handling and storage

SECTION 7: Handling and storage

7.1 Precautions for safe handling

- Handle in a well-ventilated area or with local exhaust.

- Keep away from heat, sparks, open flames, and other ignition sources.
- Avoid breathing gas/vapors.
- Use equipment rated for flammable atmospheres where applicable.

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

- Store in tightly closed cylinder/container in a cool, well-ventilated place.
- Protect from physical damage.
- Keep away from ignition sources.
- Incompatible materials: Not available.

### 7.3 Specific end use(s)

- Stable isotope reagent. Additional uses: Not available.

## 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 generation/accumulation of gas may occur.
- Personal protective equipment (PPE):
  - Eye/face protection: Safety glasses or chemical splash goggles.
  - Skin protection: Protective gloves. Protective clothing as needed.
  - Respiratory protection: Use appropriate respirator if ventilation is inadequate or exposure is possible. Selection should be based on workplace risk assessment.
  - Hygiene measures: Wash hands after handling. Do not eat, drink, or smoke when using this product.

## 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

Property	Value
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

- Not available.

##### 10.2 Chemical stability

- Stable under recommended storage conditions. No data available.

##### 10.3 Possibility of hazardous reactions

- Not available.

##### 10.4 Conditions to avoid

- Heat, flames, sparks, and other ignition sources.  
- Inadequate ventilation.

##### 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

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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.
- For cylinders/pressurized containers: Return to supplier where possible. Do not puncture or incinerate container.
- 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: Transport in accordance with applicable regulations. Keep away from ignition sources. Ensure cylinder is secured and valve protection is in place.
- 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

- Not available.

### SECTION 16: Other information

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- Product name: Chloroethane-1,1-d2 (gas)
- Catalog no.: CS-C-01522
- CAS no.: 3652-86-6
- Supplier: Clearsynth Labs Ltd., Mumbai, India
- Emergency phone: +91-22-245045900

#### Disclaimer

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

#### Revision information

- Revision date: Not available.
- Version: Not available.

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