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

Catalogue Number	CS-T-103664
Product Name	Ethylbenzene-13C6
CAS No.	1403579-63-4
Category	Stable Isotope Reagent
Synonyms	1-Ethyl-benzene-1,2,3,4,5,6-13C6;
Brand	Clearsynth Labs Ltd.
Identified uses	Laboratory Chemicals
Uses advised against	Not available
Company	Clearsynth Labs Ltd. Mumbai, India
Emergency Phone #	+91-22-245045900
REACH No.	Not available

SECTION 2: Hazards identification

Disclaimer: This is sample MSDS. Please email **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 : Ethylbenzene-13C6
CAS Number : 1403579-63-4
Molecular Formula : C■^{13}C■H■■
Molecular Weight : 112.12
Parent Chemical : -
Synonyms : 1-Ethyl-benzene-1,2,3,4,5,6-13C6;
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 Safety Data Sheet to the physician in attendance.

Inhalation:
- Move person to fresh air.
- If breathing is difficult, seek medical attention.

Skin contact:
- Remove contaminated clothing and shoes.
- Wash skin with soap and water.
- 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.
- No data available.

SECTION 5: Firefighting measures

SECTION 5: Fire-fighting measures

5.1 Extinguishing media
Suitable extinguishing media:
- Dry chemical, carbon dioxide (CO2), alcohol-resistant foam, water spray (fog).
Unsuitable extinguishing media:

- Not available.

5.2 Special hazards arising from the substance or mixture
- Combustion may produce carbon oxides.
- Vapors may form explosive mixtures with air (data not available for this specific isotopologue).

5.3 Advice for firefighters
- Wear self-contained breathing apparatus (SCBA) and full protective gear.
- Cool containers with water spray to prevent rupture.
- Use water spray to reduce vapors where appropriate.

Additional information:
- Not available.

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.
- 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, waterways, or soil.

6.3 Methods and material for containment and cleaning up
- Contain spill.
- Absorb with inert material (e.g., sand, silica gel, universal binder).
- Collect in suitable, closed containers for disposal.
- Clean contaminated area with suitable cleaning agent.

6.4 Reference to other sections
- See Section 8 for exposure controls/personal protection.
- See 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.
- Use only with adequate ventilation.
- Avoid breathing vapors.
- Avoid contact with skin, eyes, and clothing.
- Keep away from heat, sparks, open flames, and hot surfaces.
- Use non-sparking tools and take precautionary measures against static discharge.

7.2 Conditions for safe storage, including any incompatibilities
- Store in tightly closed container.
- Store in a cool, dry, well-ventilated place.
- Keep away from ignition sources.
- Incompatible materials: Not available.

7.3 Specific end use(s)
- Stable isotope reagent. For research and development use only.

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 (local exhaust recommended).
- Use explosion-proof ventilation/electrical equipment where applicable.

Personal protective equipment (PPE):
Eye/face protection:
- Safety glasses with side shields or chemical splash goggles.
Skin protection:
- Protective gloves (chemical-resistant).
- Protective clothing as appropriate.
Respiratory protection:
- If ventilation is inadequate, use appropriate respiratory protection.
Hygiene measures:
- Wash hands thoroughly after handling.
- Remove contaminated clothing and wash before reuse.

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

Test	Result
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.
- Static discharge.

10.5 Incompatible materials
- Not available.

10.6 Hazardous decomposition products
- Carbon 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
- 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
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 Maritime 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 identification:
- Product name: Ethylbenzene-13C6
- Catalog no.: CS-T-103664
- CAS no.: 1403579-63-4
- Synonyms: 1-Ethyl-benzene-1,2,3,4,5,6-13C6
- Category: Stable Isotope Reagent
- 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 for their particular application and for compliance with applicable regulations.

Revision information:
- Not available.

DISCLAIMER

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