

Material Safety Data Sheet

Liverpool ChiroChem Ltd., Department of Chemistry, Crown Street, Liverpool L69 7ZD, United Kingdom
Emergency Telephone No. +44 (0) 151 794 2936

1. Product Identification

Chemical Name: Trans-3-fluoro-3-methylcyclobutane-1-carboxylic acid
Product No.: A2071
CAS Registry No.: 1455037-43-0
Synonyms:
Chemical Family: Carboxylic Acids and Esters/Fluorides

2. Composition on Ingredients

Molecular Weight: 132.13
Molecular Formula: C₆H₉FO₂
Purity (%): 97%

3. Hazard Identification

Unknown, treat as harmful.

Label elements: Labelling according Regulation (EC) No 1272/2008 [CLP]

Pictogram:



Hazard statement(s):

H302 Harmful if swallowed.
H315 Causes skin irritation.
H319 Causes serious eye irritation.
H335 May cause respiratory irritation.

Precautionary statement(s):

P261 Avoid breathing dust.
P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

4. First Aid Measures

Eyes Exposure: Immediately flush with water for at least 15 minutes. If discomfort persists, seek medical attention.

Skin Exposure: Wash with soap for 15 minutes. If exposure is severe or irritation develops, seek medical attention.

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Inhalation: Remove to fresh air and seek medical attention. If breathing is difficult, give oxygen.

Ingestion: Wash out mouth with water. Seek medical attention.

5. Fire Fighting Measures

Flash Point: Not known.

Autoignition Temperature: Not known.

Explosion Limits: Wear breathing apparatus and protective clothing.

Personal Protection:

Extinguishing Medium: Water spray, carbon dioxide, dry chemical powder or appropriate foam.

Special Precautions: Likely to emit irritating fumes under fire conditions. Take reasonable care to avoid contamination of watercourses and drains

6. Accidental Release Measures

Wear breathing apparatus and protective clothing; cordon off area (especially downwind). Mix with sand or similar inert absorbent material, sweep up and place in closed containers for waste disposal. Avoid raising dust.

7. Handling and Storage

Avoid contact of this material with eyes, skin and clothing. Use chemical-resistant gloves and impervious overalls for operations that could result in skin contact.

8. Exposure Controls

No official exposure limits have been set for this sample.

9. Chemical and Physical Properties

Appearance: Form: Light yellow liquid.

Odour: Not known.

pH: Not known.

Melting Point: Data not available.

Boiling Point: Data not available.

10. Stability

Chemical Stability: Stable under recommended storage conditions.

Incompatibilities with Other Materials: Strong oxidizing agents.

Hazardous combustion or Decomposition products: Carbon monoxide, carbon dioxide, hydrogen fluoride.

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11. Toxicology

No specific toxicology data is available. Sample should be treated as Harmful as a minimum precaution. Safety measures should be taken accordingly.

12. Ecology

No specific ecology data is available. Do not allow to enter drains, sewers and watercourses.

13. Disposal

Disposal should be in according with local, state or national legislation. Dispose of as hazardous waste. Incineration is recommended.

14. Transportation

Shipping Name:	Trans-3-fluoro-3-methylcyclobutane-1-carboxylic acid
Hazard Class:	Non-hazardous for shipment
UN ID Number:	Not known
Packing Group:	Not known

15. Note

This product is for research use only. We do not sell to patients.

16. Regulatory Information

This product is for research use only. We do not sell to patients.,This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006.

17. Other Information

Liability:
Information contained in this document is accurate to the knowledge of the publisher.Liverpool ChiroChem Ltd shall not be held liable for any damage resulting from handling or contact with this sample

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14/09/2018

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