

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: (R)-5-(pyrrolidin-2-yl)quinoline dihydrochloride
Product No.: A0278
CAS Registry No.: (COMPONENT:1213596-48-5)
Synonyms:
Chemical Family: Heterocyclic compound/Chiral compound

2. Composition on Ingredients

Molecular Weight: 271.19
Molecular Formula: C₁₃H₁₆Cl₂N₂
Purity (%): 99.1%; 99.9%ee

3. Hazard Identification

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Harmful if swallowed. Irritating to eyes, respiratory system and skin. May cause sensitization by skin contact.

Label elements:

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



Pictogram:

Hazard statement(s):

H302

Harmful if swallowed.

H317

May cause an allergic skin reaction.

H373

May cause damage to organs (Nervous system) through prolonged or repeated exposure if inhaled

H335

May cause respiratory irritation.

Precautionary statement(s):

P260

Do not breathe dust/ fume/ gas/ mist/ vapours/ spray.

P264

Wash skin thoroughly after handling.

P270

Do not eat, drink or smoke when using this product.

P272

Contaminated work clothing should not be allowed out of the workplace.

P280

Wear protective gloves.

P301 + P312 + P330

IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell.

P302 + P352

IF ON SKIN: Wash with plenty of soap and water.

P314

Get medical advice/ attention if you feel unwell.

P333 + P313

If skin irritation or rash occurs: Get medical advice/ attention.

P363

Wash contaminated clothing before reuse.

P501

Dispose of contents/ container to an approved waste disposal plant.

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.

Inhalation:

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

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

5. Fire Fighting Measures

Flash Point: Not known.
Autoignition Temperature: Not known.
Explosion Limits: Not known.
Personal Protection: Wear breathing apparatus and protective clothing.
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.
Ventilate area and thoroughly wash spill site after material pickup is complete.

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.
Avoid breathing dust or vapours. Use local exhaust ventilation.
Use suitable respiratory protection, such as an air hood.
Store in closed vessels. Store at 4 °C.

8. Exposure Controls

No official exposure limits have been set for this sample.

9. Chemical and Physical Properties

Appearance: Form: Gray solid.
Odour: Not known.
pH: Not known.
Melting Point: Not known.
Boiling Point: Not known.

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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, nitrogen oxides and hydrogen chloride. |

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: | (R)-5-(pyrrolidin-2-yl)quinoline dihydrochloride |
| Hazard Class: | Non-hazardous for shipment |
| UN ID Number: | Not known |
| Packing Group: | Not known |

15. Regulatory Information

This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006.

16. 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.

Preparation Date:

01/11/2019

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