

Pyrrolidine

Cyclic secondary amine for qualified organic synthesis and intermediate manufacture.

CAS No. 123-75-1	EC / List No. 204-648-7	Transport Class 3 — Flammable liquid; subsidiary risk 8
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Product Information

Cyclic secondary amine for qualified organic synthesis and intermediate manufacture.

Specifications

Parameter	Specification
Appearance	Colourless to light-yellow liquid
Assay, GC	>99.0 %
Water	<0.2 %
Colour, APHA	≤50

Grade-specific supply limits. The agreed specification and batch COA govern delivery.

Typical Properties

Property	Typical Value
Molecular formula	C ₄ H ₉ N
Molecular weight	71.12 g/mol
Density, typical	0.85 g/mL at 25°C
Boiling range, typical	87–88°C

Applications

Organic intermediate synthesis: Cyclic secondary amine for selected pharmaceutical and agrochemical intermediate routes.

Specialty materials development: Intermediate for selected rubber and specialty-material chemistry.

Cyclic-amine research and process development: Building block for qualified cyclic-amine synthesis and selected structure-directing systems.

Packaging / Storage

Item	Information
Packing	170 kg barrels
Storage	Store tightly sealed under nitrogen in a cool, dry, ventilated flammables area. Protect from air, heat, sparks and open flames; segregate from acids, oxidizers, acid chlorides and incompatible metals.
Handling	Use closed transfer with effective local extraction and ignition-controlled equipment. Ground and bond transfer equipment; wear chemical-resistant gloves, protective clothing, goggles and face protection. Prevent vapour inhalation and splashes.

Company Contact

Supplier	Hainan Zhongxin Chemical Co., Ltd. (ZXCHEM)
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