

Cyclohexene

Reactive cycloalkene intermediate and specialty solvent for fine-chemical and rubber-additive development.

CAS No. 110-83-8	EC / List No. 203-807-8	Transport Class 3 — Flammable liquid
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Product Information

Reactive cycloalkene intermediate and specialty solvent for fine-chemical and rubber-additive development.

Specifications

Parameter	Specification
Appearance	Colourless, transparent liquid
Purity	≥98.5 %
Low-boiling components	≤1.0 %
High-boiling components	≤0.5 %

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

Typical Properties

Property	Typical Value
Molecular formula	C ₆ H ₁₀
Molecular weight	82.14 g/mol

Applications

Fine-chemical synthesis: Reactive cycloalkene for qualified fine-chemical intermediate development.

Chlorinated derivative development: Feedstock for technically supervised chlorocyclohexane and related derivative processes.

Rubber-additive process development: Selected solvent or process intermediate for rubber-additive manufacturing development.

Packaging / Storage

Item	Information
Packing	170 kg closed steel drums or approved ISO tanks
Storage	Keep tightly closed and locked up below 30°C in a cool, dry, well-ventilated flammable-liquid storage area. Protect from heat, sparks, flames, sunlight and strong oxidizers; manage air exposure and peroxide formation.
Handling	Use explosion-protected ventilation and equipment, ground and bond transfer systems and use non-sparking tools. Wear compatible chemical-resistant gloves, splash goggles and antistatic protective clothing. Avoid vapour, aerosol and ingestion; do not induce vomiting after swallowing.

Company Contact

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