

Isophorone

High-boiling cyclic ketone solvent and synthesis intermediate for selected industrial formulations.

CAS No. 78-59-1	EC / List No. 201-126-0	Transport Non-dangerous goods (IMDG/IATA)
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Product Information

High-boiling cyclic ketone solvent and synthesis intermediate for selected industrial formulations.

Specifications

Parameter	Specification
Appearance	Colourless liquid
Assay	≥99 %
Colour, Pt-Co	≤50
Moisture	≤0.100 %
Acidity, as acetic acid	≤0.0100 %

Supply limits follow the selected ZXCHEM TDS. Product suitability and formulation performance require evaluation in the intended application.

Typical Properties

Property	Typical Value
Molecular formula	C ₉ H ₁₄ O
Molecular weight	138.21 g/mol

Applications

Coatings and printing-ink solvents: High-boiling ketone solvent for selected resin, coating and ink formulations. Evaluate dissolution, evaporation profile and film properties.

Industrial formulation development: Solvent for selected specialty formulations. Test compatibility, odour, residue and occupational exposure controls.

Chemical synthesis intermediate: Cyclic ketone building block for selected industrial synthesis. Evaluate reaction control, impurity tolerance and downstream purification.

Packaging / Storage

Item	Information
Packing	190 kg drums
Storage	Keep sealed at 0–30°C in a cool, ventilated area protected from sunlight and ignition sources. Separate from oxidizers, acids and bases.
Shelf life	One year in unopened original packaging under the stated 0–30°C storage conditions.
Handling	Use closed transfer and effective local ventilation. Wear compatible chemical gloves, splash goggles and protective clothing. Control skin exposure and inhalation; provide suitable fire precautions.

Company Contact

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