

Dicyandiamide

High-purity nitrogen-containing intermediate and latent epoxy curing agent for industrial formulation.

CAS No. 461-58-5	EC / List No. 207-312-8	Transport Non-dangerous goods
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Product Information

High-purity nitrogen-containing intermediate and latent epoxy curing agent for industrial formulation.

Specifications

Parameter	Specification
Appearance	White crystals
Purity	≥99.7 %
Moisture	≤0.30 %
Ash content	≤0.03 %
Melting range	209–212 °C
Calcium	≤200 ppm
Melamine	≤300 ppm

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

Typical Properties

Property	Typical Value
Molecular formula	C ₂ H ₄ N ₄
Molecular weight	84.08 g/mol

Applications

Latent epoxy curing systems: Curing ingredient for qualified epoxy resin development.

Fine-chemical synthesis intermediates: Nitrogen-containing feedstock for technically supervised fine-chemical and pharmaceutical intermediate synthesis.

Specialty nitrogen-containing additives: Material for selected flame-retardant and specialty-material formulation development.

Packaging / Storage

Item	Information
Packing	25 kg bags
Storage	Keep tightly closed in a cool, dry, well-ventilated place. Protect from moisture, excessive heat, strong oxidizers and acids; retain intact original lining.
Shelf life	Typically 24 months in sealed original packaging stored cool and dry.
Handling	Use effective dust extraction during powder transfer. Wear compatible gloves, safety goggles and work clothing; use suitable particulate respiratory protection when dust control is insufficient. Avoid ingestion and unnecessary contact.

Company Contact

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