

IPBC

Carbamate fungicidal preservative for industrial formulation and process applications.

CAS No. 55406-53-6	EC / EINECS 259-627-5
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Product Information

IPBC is supplied as white or off-white crystal or crystalline powder. Grade: HPLC purity $\geq$ 99.0%.

Specifications

Parameter	Specification
Appearance	White or off-white crystal or crystalline powder
Purity (HPLC)	$\geq$ 99.0%
Melting Point	64 - 68 °C
Loss on Drying	$\leq$ 0.1%
pH (25 °C, 0.1% in water)	4.5 - 6.5

Typical Properties

Property	Typical Value
Synonym	Iodopropynyl butylcarbamate
Molecular formula	C ₈ H ₁₂ INO ₂
Molecular weight	281.09 g/mol

Applications

Paints and coatings preservation: Used as a component in paints and coatings preservation. Evaluate compatibility and process requirements before use.

Wood protection formulations: Used as a component in wood protection formulations. Evaluate compatibility and process requirements before use.

Personal care formulation development: Used as a component in personal care formulation development. Evaluate compatibility and process requirements before use.

Packaging / Storage

Item	Information
Packaging	25 kg drum, or packaging according to confirmed order.
Storage	Store in sealed original packaging in a cool, dry and well-ventilated area away from heat, light and incompatible materials.
Handling	Use local exhaust ventilation where needed. Wear chemical-resistant gloves and eye protection; avoid dust generation. Follow the product SDS for additional controls.

Company Contact

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