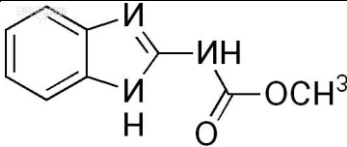


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TECHNICAL DATA SHEET	
CARBENDAZIM	
SUBSTANCE INFORMATION	
Product Name:	Carbendazim Technical
Common Name of Active Ingredient	Carbendazim
Chemical Name of Active Ingredient (IUPAC)	methyl benzimidazol-2-ylcarbamate
Manufacturer plant	CAC Nantong Chemical Co., Ltd.
Manufacturer Address	Yangkou Chemical Industrial Park, Nantong City, Jiangsu Province, China
CAS n^o:	10605-21-7
Structural formula	
Molecular formula	C ₉ H ₉ N ₃ O ₂
Molecular weight	191.187
Specification	A.I. 98.0% min
Storage conditions	ambient
Physical state	White powder
Melting point	307-312 °C
Partition coefficient (n-octanol/water)	LogPow= 1.639 (pH 7.10, 20.0°C)
Vapor pressure	0.133 mPa at 25 °C
Solubility	0.0049 g/L (pH 8.21) at 20.0°C 0.2988 g/L in acetone at 20.0°C 0.4551 g/L in methanol at 20.0°C 0.3152 g/L in chloroform at 20.0°C 0.000685 g/L in n-hexane at 20.0°C 0.1345 g/L in ethyl acetate at 20.0°C 0.0677 g/L in toluene at 20.0°C.



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Stability	Stable for at least 2 years at ambient temperature (15–25 °C) Accelerated storage stability—stable for at least 14 days at 54 °C Not expected to be sensitive to metals and metal ions Compatible with oxidizing and reducing agents Not expected to be explosive
Handling information	Refer to MSDS
Shipping information	Refer to MSDS
Packing	Refer to MSDS