

IPBC

A fungicide for coatings and wood

BIO-IPBC fungicide offers highly effective, broad-spectrum protection against degradation, discoloration and defacement caused by mold, mildew. It has a unique IPBC chemistry and is widely used in the world. It also can be used to formulate many IPBC containing products

Chemical and Physical Properties

Appearance	White or yellow crystals
Active ingredient	> 98.5%
pH (20°C)	N/A
Solubility	Disperse in aqueous and oil based systems
Stability	Stable for two years at temperature below 40°C

Applications and Use Levels

BIO-IPBC is used primarily as a dry-film mildew protector for paint, coatings, stains, paper, plastics, wood, shoes, etc. Other applications include adhesives, metalworking fluids and printing inks. It should be incorporated into water-based formulations before the grinding stage. The product exhibits good stability with ionic surfactants and emulsifiers. Recommended use levels are between 0.3 – 1.0% base on the wet formulation weight.

Toxicity

Acute toxicity LD₅₀: >1470 mg /kg

Packaging

50kg fiber drum

Transport and Storage

BIO-IPBC is a powder hazardous substance in the sense of the transport regulation in US standard.

Handling

When handle BIO-IPBC, the usual precautions for handling of chemicals should be followed. Avoid contact with skin, wear goggles and gloves. In the event of a spillage, clean the skin with plenty of water and soap, flush eyes with water and buffer solution.