

# Chemical Factsheet

## Troysan polyphase (IPBC or Troysan KK-108A)

### butyl-, 3-iodo-2-propynyl ester carbamic acid iodopropynylbutylcarbamate (IPBC)

#### General Information

- Product Names:  
OMACIDE IPBC INDUSTRIAL FUNGICIDE  
OMACIDE IPBC-E  
ANTIBLU  
MOLD PROOFER PAINT  
BIOFLEX  
MYCOSTAT  
FILMGUARD IPBC FUNGICIDAL AGENT  
TWP TOTAL WOOD PRESERVATIVE  
WOODGUARD XL  
WOODLIFE  
PREVENTOL  
DANTOGARD  
MILDEW CHECK  
WOLMAN F&P PREMIUM WOOD FINISH & PRESERVATIVE  
CUPRINOL CLEAR WOOD PRESERVATIVE  
THOMPSON'S WOOD PROTECTOR  
ACTICIDE  
HOMEGUARD  
FUNGITROL
- Chemical Class: Fungicide/mildewcide
- Uses: Use as a wood preservative, industrial preservative and as dry film mildewcide for new lumber, millwork and joinery and brush and spray applications for existing above ground structures such as decks; industrial preservative uses like metal working fluids, adhesives, caulks, sealants, plastics, textiles, paper coatings, canvas, cordage, and inks; air fresheners, dish detergents, laundry products, surface cleaners, floor care products and fabric care products; paints and stains.
- Beyond Pesticides rating: [Toxic](#)

#### Health and Environmental Effects

*See citations at end of document.*

- Cancer: Not documented
- Endocrine Disruption: Not documented
- Reproductive Effects: Not documented
- Neurotoxicity: Yes (1)
- Kidney/Liver Damage: Not documented
- Sensitizer/ Irritant: Yes (1)

- Birth/Developmental: Not documented
- Detected in Groundwater: Not documented
- Potential Leacher: Not documented
- Toxic to Birds: Not documented
- Toxic to Fish/Aquatic Organisms: Yes (1)
- Toxic to Bees: Not documented

## Additional Information

- Regulatory Status:
  - [Regulatory Documents](#)
  - [EPA IPBC Work Plan](#)
  - [EPA factsheet](#)
- Studies [compiled from the [Pesticide-Induced Diseases Database](#)]
  - .

## Gateway Health and Environmental Effects Citations

1. US EPA, Office of Prevention, Pesticides and Toxic Substances, Reregistration Eligibility Decisions (REDs), Interim REDs (iREDs) and RED Factsheets.

<https://archive.epa.gov/pesticides/reregistration/web/html/status.html>.

Factsheet generated on February 1, 2026