



## Omacide® IPBC 100

**Product Stewardship Summary**

**June 2009**

Product Name:	Omacide® IPBC 100
CAS Name (active ingredient)	Carbamic Acid, Butyl-, 3-iodo-2-propynyl ester
Synonyms	3-Iodo-2-propynyl –n-butylcarbamate (IPBC)
CAS Number	55406-53-6
EINECS Number	259-627-5

- *General Description.* Omacide® IPBC 100 industrial fungicide is a white to pale yellow crystalline solid. It is registered by the U.S. EPA under the Federal Insecticide, Fungicide, and Rodenticide Act and supported in Europe under the Biocidal Product Directive.
- *Manufacture.* During production, potential exposure to the concentrate by humans and the environment is tightly controlled and confined through strong industrial hygiene protocols and processes, engineering of the manufacturing equipment, and the use of personal protective equipment.
- *Applications.* As a concentrate this product is not sold to the individual consumer. It is formulated in the industrial workplace where exposure to humans and the environment are tightly controlled. OMACIDE IPBC is an effective antimicrobial agent that has been used many years to protect broad spectrum fungicide additives used in architectural coatings and construction applications (i.e. paints, stains, adhesives, caulks, and sealants), textiles, as well as plastic product applications to prevent dry film fungal growth. OMACIDE IPBC industrial fungicides are also very effective additives for controlling

fungal growth in aqueous-based fluids such as metalworking fluids.

- *Benefits.* Omacide® IPBC 100 is a non-VOC, broad spectrum, highly effective antimicrobial agent. It is used to control, mold, mildew, fungi, yeasts, and algae.
- *Likelihood of Exposure.* This product is not sold to the individual consumer. Its uses are in the industrial workplace where exposures to humans and the environment are tightly controlled.
- *Risk Management.* Those handling OMACIDE IPBC 100 should carefully read and follow all label directions.
- *General Precautions.* OMACIDE IPBC 100 is considered to be harmful if ingested. OMACIDE IPBC 100 Powder is harmful if inhaled when concentrations of the dust and/or mist are at levels above what one would commonly experience under normal industrial uses. OMACIDE IPBC 100 is considered practically non-toxic following contact with the skin.

OMACIDE IPBC 100 can cause severe eye irritation and/or burns when coming in contact with the eyes and if not washed out immediately can cause serious injury. However, it is only mildly irritating to the skin producing reversible irritation.

OMACIDE IPBC 100 is not a skin sensitizer.

There are no known or expected effects from chronic exposure except those seen from acute exposure.

OMACIDE IPBC 100 is non-mutagenic, and it would not be expected to cause adverse effects to reproduction or the development of the unborn fetus. OMACIDE IPBC 100 is not carcinogenic.

Omacide IPBC 100 is considered to be very toxic to aquatic organisms and aquatic plants. The water solubility is low for IPBC, thus limiting its exposure to aquatic organisms.

For additional information, please visit our web site at [www.archchemicals.com](http://www.archchemicals.com) and click on "Contact Us".

This summary is intended to give general information about the chemical or categories of chemicals addressed. It is not intended to be, and should not be relied upon as, a substitute for the detailed health and safety information contained in the Material Safety Data Sheet (or any other required hazard communication material) for this product, which should be consulted before use of the chemical or treatment for exposure. As with any product, it is very important to read and carefully follow all label directions and warnings. This summary does not supplant or replace required regulatory and/or legal communication documents.