



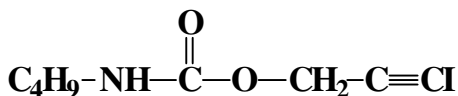
Omacide®* IPBC 30 Industrial Fungicide

EPA Registration Number: 1258-1221

Omacide IPBC 30 industrial fungicide is a broad spectrum liquid fungicide based on the widely used fungicide active, 3-iodopropynylbutylcarbamate (IPBC). The solvent package is a mixture of an ester alcohol and a glycol ether.

Structural Formula

3-iodopropynylbutylcarbamate
(C₈H₁₂NO₂I) CAS No. 55406-53-6



Specifications

% 3-iodopropynylbutylcarbamate (minimum)	30.0
Gardner Color (maximum)	5

Product Use

Omacide IPBC 30 industrial fungicide imparts dry film protection against fungal growth when formulated in exterior paints and coatings, wood stains, adhesives, caulks, sealants, paper coatings, textiles, and plastics. Omacide IPBC 30 industrial fungicide also provides excellent fungal control when used in inks and metalworking fluid systems.

Omacide IPBC 30 industrial fungicide is registered with the U.S. Environmental Protection Agency (EPA No. 1258-1221), and is suitable for use in aqueous or solvent-borne systems.

Omacide IPBC 30 industrial fungicide is miscible with most aromatic and alcohol-type solvents. The solution is easily dispersible into most formulations.

Physical Properties

Appearance	Light amber liquid
Active Ingredient	30% minimum
Color (Gardner scale)	5 maximum
Odor	mild, ester-like
Specific Gravity	1.10 to 1.12
Density, lb/gal (kg/L)	9.24 (1.11)
Boiling Point, °C (°F)	160 (320)
Volatiles Content	70% by volume
Evaporation Rate	< 1 (butyl acetate = 1)

Chemical Properties

Omacide IPBC 30 industrial fungicide is effective in products having a wide pH range (2 to 10). Laboratory evaluations are, however, recommended since IPBC products can sometimes induce yellowing in certain formulations, especially those containing resins based on styrenated polymers. In addition, IPBC may dehydrohalogenate in certain formulations, leading to corrosion of metal containers.

Anti fungal Activity of Active Component

Minimum Inhibitory Concentration - MIC (ppm)

Molds	ppm
<i>Aspergillus niger</i>	4
<i>Aureobasidium pullulans</i>	≤2
<i>Fusarium sp.</i>	8
<i>Penicillium pinophilum</i>	4
Yeast	
<i>Candida albicans</i>	≤2

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Suggested Use Levels

Application	Wt. % IPBC 30
Paints and stains	0.2 to 2.7
Adhesives & caulks (wet stage)	0.075 to 1.0
Metalworking fluids (end use concentration)	up to 0.333
Textiles (i.e. carpeting, canvas, cordage)	0.75 to 3.0

Storage and Handling

Store in a dry, well ventilated place. Do not store at temperatures above 45°C (113°F) or below -6.7°C (20°F). Gloves and eye protection should be worn when handling. Respiratory protection is recommended when airborne concentrations exceed 0.25 mg/cubic meter, 8 hr. TWA. See the MSDS for additional information.

For More Information

Technical Service

Technical service is available to facilitate further use of Arch Chemicals biocides. If you have a specific question, or need further information, please write or call Biocides Technical Service, Arch Chemicals Inc., Biocides, 350 Knotter Drive, Cheshire, CT 06410, U.S.A.; (203) 271-4000 or FAX (203) 271-4050. Your Arch Chemicals Sales Representative can also be contacted directly. Sales office telephone numbers, addresses, and facsimile numbers are listed at the end of this document.

How to Order

If you would like to inquire about an existing order, place an order, ask about product availability, or order a sample please contact the nearest Arch Chemicals Sales Office. Sales office telephone numbers, addresses, and facsimile numbers are listed at the end of this document.

Packaging

Omacide IPBC 30 industrial fungicide is available from Rochester, NY in 45 kg and 220 kg high density polyethylene drums, and 1.0 MT totes. It is also available from Swords, Republic of Ireland in 220 kg high density polyethylene drums, and 1.0 MT totes.

Visit our Website

For additional information about this product, or other Arch Chemicals biocides products visit our website at www.archbiocides.com



Technical Product Information

Treatment Products Biocides

Please refer to the Material Safety Data Sheet (MSDS) for complete information on Storage and Handling, Toxicological Properties, Personal Protection, First Aid, Spill and Leak Procedures, and Waste Disposal. To order an MSDS, call your nearest Arch Chemicals sales office listed below or the MSDS Control Group at (800) 511-MSDS. Before using or handling this product, the MSDS should be thoroughly reviewed.

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Sales Office

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