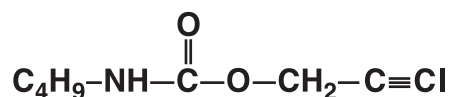


OMACIDE™ IPBC 30 Fungicide

TECHNICAL
INFORMATION BULLETIN

OMACIDE™ IPBC 30 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 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 Fungicide is registered with the U. S. Environmental Protection Agency (EPA No. 1258-1221), and is suitable for use in aqueous or solventborne systems.

OMACIDE™ IPBC 30 Fungicide is miscible with most aromatic and alcohol-type solvents. The solution is easily dispersible into most formulations.

PHYSICAL PROPERTIES

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

CHEMICAL PROPERTIES

OMACIDE™ IPBC 30 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.

Antifungal 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

Suggested Use Levels

Application	Wt. % IPBC 30
<i>Paints and Stains</i>	0.2 to 2.7
<i>Adhesives & Caulks (Wet Stage)</i>	0.075 to 1.0
<i>Metalworking Fluids</i> (End Use Concentration)	up to 0.333
<i>Textiles</i> (i.e. Carpeting, Canvas, Cordage)	0.75 to 3.0

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FOR MORE INFORMATION

TECHNICAL SERVICE ASSISTANCE

Technical service is available to facilitate further use of Arch biocides. If you have a specific question, or need further information, please write or call Biocides Technical Service. Your Arch Sales Representative can also be contacted directly.

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.

PACKING

OMACIDE™ IPBC 30 Fungicide is available in 220 kg and 45 kg polyethylene drums.

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 MSDS for additional information.

APPLICATION

For product application and formulation information please refer to OMACIDE™ IPBC 30 Fungicide product labeling.

For information on spills, call 1-800-654-6911.

For more information, visit www.archbiocides.com

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Use biocides safely. Always read the label and product information before use.

Some Arch® biocides may not be registered or registered for only certain uses in your country.

No statement herein is intended as a representation or warranty regarding OMACIDE products or any other product of Arch Chemicals, Inc.

SAFE HANDLING INFORMATION

Refer to the Material Safety Data Sheet (MSDS) available from Arch Chemicals, Inc. for information on the safe use, handling and disposal of this product.

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