



**SPECIMEN LABEL**  
REDUCED TO 95%

**LOT**



# DOWICIDE<sup>\*</sup> 1 ANTIMICROBIAL

*For the control of fungi and bacteria, including pseudomonads, in industrial applications; for post-harvest preservation of fruits and vegetables; and for use in the manufacture of disinfectant preparations.*

ACTIVE INGREDIENT:  
o-Phenylphenol ..... 99%  
INERT INGREDIENTS: ..... 1%  
E P A Reg. No. 464-70 E P A Est. 464-MI-1

**KEEP OUT OF REACH OF CHILDREN**

## **DANGER**

### **PRECAUTIONARY STATEMENTS**

*Hazards to Humans and Domestic Animals*

**IRRITATING DUST • CAUSES EYE DAMAGE  
HARMFUL IF SWALLOWED**

**Do Not Get in Eyes or on Mucous Membranes • Avoid  
Contact with Skin • Avoid Breathing Dusts • Wear  
Goggles or Face Shield When Handling • Wash  
Thoroughly after Handling**

### **Statements of Practical Treatment**

In case of eye contact, wash eyes with flowing water for 15 minutes. Call a physician.  
In case of skin contact, remove contaminated clothing and wash skin with plenty of water. Wash clothing before reuse. If irritation develops, get medical attention.  
If swallowed, induce vomiting immediately by giving two gasses of water and sticking finger down throat. Call a physician.  
Anyone experiencing noticeable ill effects from breathing the dust of this material should be removed to fresh air.

### **Environmental Hazard**

Do not discharge into lakes, streams, or public waters unless in accordance with an NPDES permit. For guidance, contact your regional office of the EPA.

In case of an emergency endangering life or property involving this product, call collect  
**517-636-4400**

### **NOTICE**

**Do Not Ship or Store with Food, Feeds, Drugs, or Clothing**

**45.36 kg/100 lb**

86-1387 PRINTED IN U.S.A. IN SEPTEMBER, 1980.

REPLACES SPECIMEN LABEL 86-1387 PRINTED IN SEPTEMBER, 1978.

DISCARD PREVIOUS SPECIMEN LABELS.

REVISIONS INCLUDE: COMPLETE REVISION OF LABEL; ACTIVE INGREDIENT INCREASED TO 99%.

**USE FOR COLOR-BREAK**

### DIRECTIONS FOR USE

It is a violation of federal law to use this product in a manner inconsistent with its labeling. DOWICIDE 1 Antimicrobial is listed in the "EPA Summary of Registered Agricultural Pesticide Chemical Uses" for post-harvest application to various crops and as a preservative for wood containers used for fruits and vegetables.

DOWICIDE 1 Antimicrobial, when used according to good manufacturing practices, meets the requirements of the F.D.A. for use in defoaming agents (21 CFR 176.210), adhesives (21 CFR 175.105), and rubber articles (21 CFR 177.2600). Tolerances have been established for post-harvest fungicide application (40 CFR 180.129).

NOTE: PRODUCERS USING THIS PRODUCT TO FORMULATE PESTICIDES ARE RESPONSIBLE FOR OBTAINING EPA REGISTRATION FOR THEIR FORMULATED PRODUCTS.

### AGRICULTURE

For post-harvest preservation of fruits and vegetables, use 0.1-0.3% DOWICIDE 1 by wt in an aqueous solution or 0.5-2.0% DOWICIDE 1 by wt in an approved wax emulsion. Apply by spraying, dipping, or flooding.

To prepare aqueous solutions, convert DOWICIDE 1 to the sodium salt with caustic and dilute to solution of desired strength.

To prepare wax emulsions, dissolve DOWICIDE 1 in an appropriate solvent wax.

### DISINFECTANT FORMULATIONS

For formulating disinfectants effective against fungi and bacteria, including pseudomonads, add DOWICIDE 1 to the disinfectant concentrate during the formulating process. The concentration of DOWICIDE 1 will vary depending upon the use-dilution of the formulation.

### INDUSTRIAL APPLICATIONS

Application	Purpose	Suggested Concentration <sup>1</sup>	How to Apply
Gaskets	To preserve felt gaskets.	1% by wt of organic solvent	Saturate felt with solution of DOWICIDE 1 in a volatile solvent like alcohol or Stoddard solvent.
Ceramics	To prevent decomposition of ceramic glazes and clay slips	0.05-0.1% by wt of glaze or slip formulation.	Add to ingredients of formulation as they are charged into ball mill.
Metalworking Fluids	To prevent decomposition of fluids prepared from water-emulsifiable oil concentrates	0.1-0.15% by wt of diluted concentrate.	Add to water-emulsifiable oil concentrate during formulating process.
Leather	To impart temporary mold resistance to shoe liners, hat bands, gloves, etc.	1.5% by wt of leather	Apply from petroleum and vegetable oil formulation.
Polishes	For shelf preservation of automobile polishes and polishing compounds	0.25% by wt of polish; 0.25-0.50% by wt of polishing compound	Add to polish or compound during formulating process.

<sup>1</sup>Refers to concentrations of DOWICIDE 1.

### STORAGE AND DISPOSAL

**STORAGE:** Keep package tightly closed when not in use.

**DISPOSAL: Prohibitions**—Do not contaminate water, food or feed by storage or disposal. Open dumping is prohibited. Do not reuse empty container.

**Pesticide Disposal**—Pesticide that cannot be used or chemically reprocessed should be disposed of in a landfill approved for pesticides or buried in a safe place away from water supplies.

**Container Disposal**—Dispose of it in an incinerator or bury it with wastes in a landfill approved for pesticide containers. If it is burned, stay away from smoke or fumes.

**General**—Consult federal, state, or local authorities for approved alternate procedures such as limited open burning.

**NOTICE:** Seller warrants that the product conforms to its chemical description and is reasonably fit for the purposes stated on the label when used in accordance with directions under normal conditions of use, but neither this warranty nor any other warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE, express or implied, extends to the use of this product contrary to label instructions, or under abnormal conditions, or under conditions not reasonably foreseeable to seller and buyer assumes the risk of any such use.

## THE DOW CHEMICAL COMPANY

AND SUBSIDIARIES

MIDLAND, MICHIGAN 48640, USA Horgen, SWITZERLAND HONG KONG  
CORAL GABLES, FLORIDA 33134, USA SARNIA, ONTARIO, CANADA

\*Trademark of THE DOW CHEMICAL COMPANY

D980

