

OCT 2 1996

The Dow Chemical Company
 2030 Dow Center
 Midland, MI 48674

Attention: Gregory J. Bradley
 Registration Specialist

Subject: DOWICIDE 1 Antimicrobial
 EPA Registration Number 464-70
 Your Amendment Dated August 9, 1996

This is in response to your request to amend the registration of the subject product to include label revisions for the limiting use to "Manufacturing Use Only" and deletion of "End Uses" and revised Confidential Statement of Formula (CSF) per our letter dated November 29, 1994.

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act, as amended, is acceptable provided that you make the following label revisions:

1. Add the heading "Directions for Use" on front panel.
2. Under the "Directions for Use" section, add the statement: "It is a violation of Federal Law to use this product in a manner inconsistent with its labeling".
3. In the "Directions for Use", the following statement must appear: "Formulators using this product are responsible for obtaining EPA registration of their formulated products".
4. Revise the "IF Swallowed" statement of the "Practical Treatment" to read as follows; "IF Swallowed, drink large amounts of water. Do Not induce vomiting. Call a physician or poison control center immediately".

CONCURRENCES

SYMBOL	7525C						
SURNAME	Gregory J. Bradley						
DATE	10/10/96						

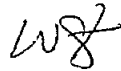
The revised updated Confidential Statement of Formula dated August 9, 1996, is in compliance with PR Notice 91-2 and it agrees with the label and is acceptable.

The product chemistry data in MRID Nos: 921540-01, 416095-01, 420970-01, 921540-02, 424417-01, 424417-02, 424417-03, 42457-04 provides data for Guidelines Series 61, 62 and 63 and these data satisfy the product chemistry data requirement for this product.

A stamped copy of your labeling is enclosed for your records. Submit one copy of the final printed label prior to release of the product for shipment bearing the amended labeling.

If you have any questions concerning this letter, please contact LaVerne Dobbins at (703) 305-7064.

Sincerely,



Walter C. Francis
Acting Product Manager (32)
Antimicrobial Program Branch
Registration Division (7505C)

SPECIMEN LABEL
DOWICIDE* 1 Antimicrobial
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DOWICIDE* 1 Antimicrobial

FOR MANUFACTURING USE ONLY

For the repackaging and production of pesticide formulations to control fungi and bacteria, including pseudomonads. Formulation uses include disinfectants, sanitizers, industrial preservation applications and postharvest preservation of fruits and vegetables, pears and citrus fruits.

Active Ingredients:

Ortho-phenylphenol	99.5%
Inert Ingredients:	0.5%
Total:	100.0%

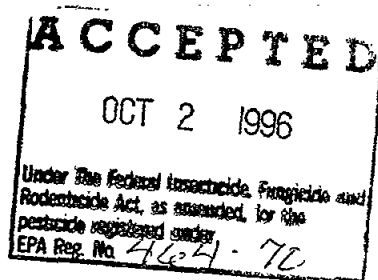
EPA Registration No. 464-70
EPA Est. No. 464-MI-1 39967-WG-1

KEEP OUT OF REACH OF CHILDREN

DANGER

PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals



CORROSIVE • IRRITATING DUST CAUSES IRREVERSIBLE EYE DAMAGE • CAUSES SKIN BURNS • HARMFUL IF SWALLOWED

Do Not Get in Eyes or on Skin or Clothing Mucous Membranes • Avoid Contact with Skin • Avoid Breathing Dusts • Wear Goggles or Face Shield When Handling • Wear Protective Clothing and Rubber Gloves • Wash Thoroughly With Soap and Water After Handling • Remove Contaminated Clothing and Wash Before Reuse

Statements of Practical Treatment

In case of eye contact: wash eyes with flowing water for 15 minutes. Call a physician. Hold eyelids open and flush with a steady, gentle stream of water for 15 minutes. Get medical attention.

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. Wash with plenty of soap and water. Get medical attention.

If swallowed: induce vomiting immediately by giving two glasses of water and sticking finger down throat. Call a physician. Call a doctor or get medical attention. Do not induce vomiting. Drink promptly a large quantity of milk, egg whites, gelatin solution, or if these are not available, drink large quantities of water. Avoid alcohol. Anyone experiencing noticeable ill effects from breathing the dust of this material should be removed to fresh air.

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Note to Physician: Probable mucosal damage may contraindicate the use of gastric lavage.

ENVIRONMENTAL HAZARDS

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

This pesticide is toxic to fish. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans, or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. 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

[front panel]

AGRICULTURE

For postharvest preservation of fruits and vegetables, for which tolerances have been established, 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 (sodium hydroxide) and dilute to solution of desired strength.

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

INDUSTRIAL APPLICATIONS

Application	Purpose	Suggested Concentration of DOWICIDE 1	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 such as 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	0.1-1.5% 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

leaf

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STORAGE AND DISPOSAL

~~Do not contaminate water, food, or feed by storage or disposal.~~

~~Storage - Keep tightly closed when not in use. Do not store with Food, Feeds, Drugs, or Clothing.~~

~~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 wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal Law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.~~

~~Container Disposal - Completely empty bag into application equipment. Then dispose of empty bag in a sanitary landfill or by incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke. Do not reuse empty container.~~

Notice: Seller warrants that the product conforms to its chemical description as contained on this label and is reasonably fit for the purposes stated on this label (except uses for which USEPA has accepted the required data and/or citations of data that the formulator has submitted in support of registration) when used in accordance with directions under normal conditions of use. **THE WARRANTIES MADE IN THIS PARAGRAPH ARE SELLER'S SOLE WARRANTIES WITH RESPECT TO THE PRODUCT AND ARE MADE EXPRESSLY IN LIEU OF AND EXCLUDE ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE AND ALL OTHER EXPRESS OR IMPLIED REPRESENTATIONS AND WARRANTIES.**

NET WT: 22.68 kg / 50.00 lb

The Dow Chemical Company
Midland, MI 48674 U.S.A.

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