

464-78

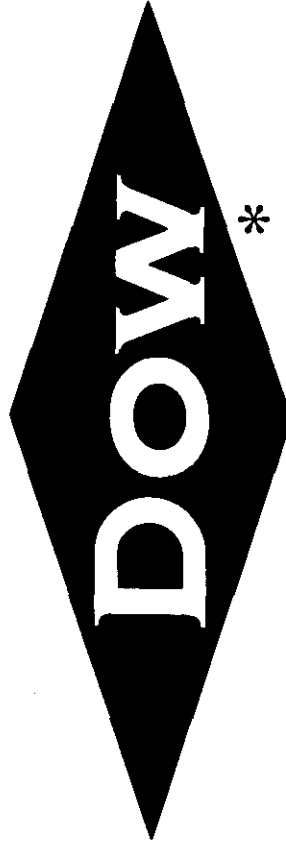
10/26/1983

1/4

ACCEPTED

OCT 26 1983

Under the Federal Insecticide,
Fungicide, and Rodenticide Act,
as amended, for the pesticide
registered under 464-78
EPA Reg. No.



DOWICIDE* A ANTIMICROBIAL

SPECIMEN LABEL

REDUCED TO 54%

For the control of fungi and bacteria in industrial applications; and for postharvest preservation of raw agricultural products.

KEEP OUT OF REACH OF CHILDREN

DANGER

PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals
CORROSIVE TO SKIN • INJURIOUS TO EYES
IRRITATING DUST • HARMFUL IF SWALLOWED
Do Not Get in Eyes, on Skin, or on Clothing
Avoid Breathing Dusts • Wear Goggles or Face Shield and Rubber Gloves When Handling
Wash Thoroughly after Handling

Statements of Practical Treatment

In case of eye contact, immediately wash eyes with flowing water for 15 minutes. Call a physician.

In case of skin contact, immediately flush skin with plenty of water for at least 15 minutes and get medical attention if irritation persists. Remove contaminated clothing and shoes. Wash clothing before reuse. Destroy contaminated shoes.

If swallowed, induce vomiting immediately by giving two glasses of water and striking finger down throat. Call a physician. Do not induce vomiting or give anything by mouth to an unconscious person.

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

Active Ingredient
Sodium orthophenylphenate • tetrahydrate 97.3
Inert Ingredients 3
EPA Registration No. 464-78 EPA USE 314 M1



CORROSIVE
SOLID, N.O.S.
UN 1759

Contains Sodium Phenylphenate • Tetrahydrate

22.68 kg / 50 lb

THE DOW CHEMICAL COMPANY
Midland, Michigan 48640 U.S.A.

® Trademark of THE DOW CHEMICAL COMPANY

86-1379 PRINTED IN U.S.A. IN SEPTEMBER, 1983.

REPLACES SPECIMEN LABEL 86-1379 PRINTED IN JUNE, 1981.

DISCARD PREVIOUS SPECIMEN LABELS.

REVISIONS INCLUDE: USES FOR WOOD CONTAINERS AND IN ANIMAL GLUE ADD

USES IN FEATHERS AND GRAPHITES DELETED.

SL2270

SPECIMEN LABEL

(BACK)

REDUCED TO 50%

DIRECTIONS FOR USE

It is a violation of federal law to use this product in a manner inconsistent with its labeling. If exposed to air for prolonged periods this material may give a cloudy solution in water. Such cloudiness may be minimized by adding sufficient caustic (sodium hydroxide). DOWICIDE A Antimicrobial, when used according to good manufacturing practices, meets the requirements of the FDA for use in resinous and polymeric coatings, can end cements (21 CFR 175.300(b) (3) (xxx)); adhesives (21 CFR 175.105 (c) (5)); animal glue (21 CFR 178.3120 (d) (3)); zinc-silicon dioxide matrix coatings (21 CFR 175.390(b) (2)); components of paper and paperboard in contact with aqueous and fatty foods (21 CFR 176.170(b) (2)); components of paper and paperboard in contact with dry food (21 CFR 176.180(b) (1)); and closures with sealing gaskets for food containers (21 CFR 177.120(b) (5)). Tolerances have been established for DOWICIDE A for postharvest application to a variety of raw agricultural products (40 CFR 180.129) and it is exempt from the requirements of a tolerance when used at a maximum level of 0.1% for the preservation of pesticide formulations applied to growing crops only (40 CFR 180.100(d)). DOWICIDE A Antimicrobial is listed in the "USDA Compilation of Registered Uses of Fungicides and Nematicides" for postharvest application to various fruits and vegetables and as a preservative for wood containers used for fruits and vegetables. DOWICIDE A Antimicrobial also appears in the "List of Chemical Compounds Authorized for Use Under USDA Inspection and Grading Programs" as a sanitizer for all surfaces. After using the product, the treated surfaces must be rinsed thoroughly with potable water before operations are resumed.

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

AGRICULTURE

For postharvest preservation of fruits and vegetables use 0.05-3.09% DOWICIDE A by wt in an aqueous solution or in an approved wax emulsion. Apply by spraying, dipping, or flooding.

INDUSTRIAL APPLICATIONS

| Application | Purpose | Suggested Concentration of DOWICIDE A | How to Apply |
|-------------------------------|---|---------------------------------------|---|
| Adhesives | To protect adhesives based on starch, protein, natural and synthetic gums, and natural and synthetic rubber latex from deterioration during manufacture, storage, and service life. | 0.05-1.0% by wt of DOWICIDE A | Add as a concentrated aqueous solution to the formulation |
| Ceramic Glazes and Clay Slips | To prevent bacterial decomposition | 0.05-0.19% by wt of formulation | Add to ingredients of formulation as they are charged into ball mill. |
| Chemical Toilets | To control odors in chemical toilets on buses, trains, and airplanes | 10-15 oz per quart of water | Dissolve antimicrobial in water |
| Construction Materials | To control mold growth on inert surfaces such as asbestos shingles, tile roofs, brick walls, and concrete blocks | 10% by wt in water | Rinse previously cleaned surface with solution of antimicrobial. |
| Fire Extinguisher Solutions | To preserve foam-type solutions | 0.25-0.5% by wt of solution | Add antimicrobial to solution. |
| Floor Wax Emulsions | For shelf preservation | 0.1-0.5% by wt of emulsion | Add to water phase of emulsion during formulating process |

| | | | |
|---------------------|--|--|---|
| Ink | For shelf preservation of dextrin-based watercolor printing inks | 0.5% by wt of formulation | Add as a concentrated aqueous solution to the formulation. |
| Laundry Starch | To preserve liquid starch during shelf and use life | 0.2% by wt of formulation | Add as a concentrated aqueous solution to the formulation. |
| Leather | To prevent slippage of hair on furs in soaking liquors, to prevent deterioration of treating and finishing formulations. | One part per 15 parts of water for soaking liquors 0.05-0.1% by wt for pastes, dressings, and finishes | Add as a concentrated aqueous solution to the formulation. |
| Metalworking Fluids | To prevent decomposition of oils, emulsifying agents, and other components | 0.1 to 1.0% by wt of formulation | Add as a concentrated aqueous solution to the emulsion of the metalworking fluid. |
| Paint | For preservation of de-composable raw material solutions or dispersions during storage. For shelf preservation of protein-based latex paints | Minimum of 0.6% by wt of DOWICIDE A | Add as a concentrated aqueous solution to the formulation. |
| Polyvinyl Alcohol | To preserve solutions of the alcohol. | 0.6-0.8% by wt of solution | Add antimicrobial to solution |
| Pulp and Paper | To preserve coatings, sizings, and printing colors based on starch, animal and vegetable protein, and latex. | 0.1-1.0% by wt of material preserved | Add as a concentrated aqueous solution. |
| Textiles | To preserve processing materials and finished yarns and cloth during storage. | 0.1-0.75% by wt of materials treated | Add as a concentrated aqueous solution. |

STORAGE AND DISPOSAL

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

STORAGE: Keep package tightly closed when not in use.

Pesticide Disposal: Pesticide, spray mixture, or rinseate that cannot be used according to label instructions must be disposed of according to federal, state, or local procedures under the Resource Conservation and Recovery Act.

Container Disposal: Dispose of liners according to approved federal, state, or local procedures under the Resource Conservation and Recovery Act. Container cannot be reused; dispose of it in a sanitary landfill or by incineration if permitted by state and local authorities.

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.