

1258-1286

12/8/2009

1045

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460



United States
Environmental Protection
Agency

Office of Pesticide Programs

Arch Chemical, Inc.
1955 Lake Park Drive, Suite 100
Smyrna, GA 30080

DEC - 8 2009

Attention: Keena CcCurn
Regulatory Specialist II

Subject: Densil DG45 Fungicide
EPA Registration No. 1258-1286
Your Amendment Dated September 10, 2009

The amendment, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA), as amended, is acceptable.

- 1 ~~3~~) To delete the use "Coatings Including wood coating and Stains"
- 2 ~~4~~) To adjust the upper limit of use to be within acceptable MOEs in the "Construction Materials" section

Submit two (2) copies of the final printed labels for our review. A stamped copy of the "accepted" label is enclosed for your records.

If you have any questions concerning this letter, please contact Martha Terry at (703) 308-6217.

Sincerely

A handwritten signature in black ink, appearing to read "Marshall Swindell".

Marshall Swindell
Product Manager (33)
Regulatory Management Branch 1
Antimicrobials Division (7510C)

Enclosure

2 of 5

(Center Panel)

DENSIL[®] DG45

Fungicide

For the Preservation of Metalworking Fluids, Coatings, and Other Construction Materials

ACTIVE INGREDIENT:

N-BUTYL-1, 2-BENZISOTHIAZOLIN-3-ONE:.....45%

INERT INGREDIENTS:.....55%

TOTAL INGREDIENTS:.....100%

KEEP OUT OF REACH OF CHILDREN

DANGER

FIRST AID

IF INHALED: MOVE PERSON TO FRESH AIR. IF PERSON IS NOT BREATHING, CALL 911 OR AN AMBULANCE, THEN GIVE ARTIFICIAL RESPIRATION, PREFERABLY MOUTH-TO-MOUTH, IF POSSIBLE. CALL A POISON CONTROL CENTER OR DOCTOR FOR FURTHER TREATMENT ADVICE.

IF ON SKIN OR CLOTHING: TAKE OFF CONTAMINATED CLOTHING. RINSE SKIN IMMEDIATELY WITH PLENTY OF WATER FOR 15-20 MINUTES. CALL A POISON CONTROL CENTER OR DOCTOR FOR TREATMENT.

IF IN EYES: HOLD EYE OPEN AND RINSE SLOWLY AND GENTLY WITH WATER FOR 15-20 MINUTES. REMOVE CONTACT LENSES, IF PRESENT, AFTER THE FIRST 5 MINUTES, THEN CONTINUING RINSING EYE. CALL A POISON CONTROL CENTER OR DOCTOR FOR TREATMENT ADVICE.

IF SWALLOWED: CALL A POISON CONTROL CENTER OR DOCTOR IMMEDIATELY FOR TREATMENT ADVICE. HAVE PERSON SIP A GLASS OF WATER IF ABLE TO SWALLOW. DO NOT INDUCE VOMITING UNLESS TOLD TO BY A POISON CONTROL CENTER OR DOCTOR.

MEDICAL EMERGENCY INFORMATION CENTER 1-800-654-6911

HAVE THE PRODUCT CONTAINER OR LABEL WITH YOU WHEN CALLING A POISON CONTROL CENTER OR DOCTOR OR GOING FOR TREATMENT.

NOTE TO PHYSICIAN: POSSIBLE MUCOSAL DAMAGE MAY CONTRAINDICATE THE USE OF GASTRIC LAVAGE FOLLOWING INGESTION.

See Additional Precautionary Statements on Side Panel

ACCEPTED
with COMMENTS
EPA Letter Dated:

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Under the Federal Insecticide,
Fungicide, and Rodenticide Act as
amended for the pesticide,
registered under EPA Reg. No. 1258-1286

Contents: ____ Lbs. Net Minimum ____ US Gallons

EPA Reg. No. 1258-1286

EPA Est. No. 83801-GBR-001

Manufactured for:
Arch Chemicals, Inc.
501 Merritt 7
Norwalk, CT 06856

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

Lot Number:

Product Code:

DENSIL® is a registered trademark of Arch UK Biocides Ltd

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(Left Panel)

**PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

DANGER

Corrosive. Causes eye and skin damage. Do not get in eyes, on skin or on clothing. Wear goggles or face shield, chemical-resistant gloves, coveralls, or long-sleeved shirt and long pants, and shoes plus socks should be worn when handling this product. Harmful if swallowed or absorbed through skin. May be fatal if inhaled. Do not breathe vapors or spray mist. Wash thoroughly after handling and before eating, drinking or using tobacco. Remove and wash contaminated clothing before reuse. May cause allergic skin reaction.

PERSONAL PROTECTIVE EQUIPMENT:

Applicators and other handlers must wear: coveralls or long-sleeved shirt and long pants, chemical resistant footwear and socks, goggles or face shield, chemical-resistant gloves (such as: Barrier Laminate or Viton)

ENVIRONMENTAL HAZARDS: This product 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 the discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance contact your state water board or regional office of the EPA. Do not contaminate water by cleaning of equipment or disposal of water.

STORAGE AND DISPOSAL:

Do not contaminate water, food, or feed by storage or disposal. Open dumping is prohibited.

PESTICIDE STORAGE:

Protect from frost. DO NOT FREEZE. If frozen, thaw and stir well before use.

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:

{For containers greater than 5 gallons} Triple rinse as follows: Empty remaining contents into application equipment or a mix tank. Fill the container 1/4 full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times.*

{For containers less than or equal to 5 gallons}: Triple rinse as follows: Empty remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container 1/4 full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times.

Container Disposal: Non-refillable container. Do not reuse or refill this container. Offer for recycling if available. Triple rinse container promptly after emptying. Then offer for recycling or reconditioning or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.

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

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(Right Panel)

DIRECTIONS FOR USE:

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

PRECAUTIONARY STATEMENTS ON THE OPERATION OF METALWORKING EQUIPMENT WITH MWF CONTAINING DENSIL DG45 FUNGICIDE

For use in closed metalworking and delivery systems only. Do not permit contact with mixer/loaders or machinists. This product may be used ONLY in enclosed metalworking systems with local exhaust ventilation.

This product may NOT be used to preserve metalworking fluids intended for use in machining operations which are not enclosed, even when such operations do not generate significant MWF aerosol. In cases where a central sump is used, this product may NOT be used as a post additive treatment for the metalworking fluid unless all machining operations using this fluid are enclosed, even when the unenclosed equipment is not actively in use.

Do not use this product to treat metalworking fluids that will be resold for use in non-enclosed metal cutting systems.

Fluid Concentrate

This product should be added to metalworking fluid concentrates at a level that ensures the final use dilution fluid will contain 55 to 445 parts per million (ppm) of product (25 to 200 ppm active ingredient).

Use Dilution Fluid

Note that grossly contaminated systems may require mechanical removal of fungal masses, and cleaning of the system before biocide treatment is begun.

Initial Dose: For noticeably fouled systems, add 0.47 to 3.94 lbs. (7 to 55.6 fl. oz.) of this product per 1000 gallons of fluid. This will generate a concentration of 25 to 200 ppm active agent.

Subsequent Dose: For maintenance of a clean system, add 0.09 to 0.58 lbs. (1.3 to 8.6 fl. oz.) of this product per 1000 gallons of fluid on a periodic basis to maintain microbial control. This quantity will generate a fungicide concentration of 5 to 30 ppm active ingredient. The frequency of maintenance dosing will be affected by the amount of fluid lost to drag out and other displacements, but also by the severity of the contamination, by the system design, by the effectiveness of system filtration, and by other system variables.

CONSTRUCTION MATERIALS

Many building construction materials support the growth of a wide range of bacteria, fungi and algae. The uncontrolled growth of these microorganisms either in the wet or dry stage can lead to aesthetic problems such as odor or surface staining or it can lead to premature product failure.

This product has been found to be an effective wet state preservative at concentrations of 0.02% to 0.11%, and an effective dry state preservative at concentrations of 0.16% to 0.24%, based on the total weight of the substrate. Example end use applications are shown below:

For preservation of emulsions, dispersions, slurries, and thickeners including latex emulsions, urethane dispersions, mineral or pigment slurries (such as clay, kaolin, calcium carbonate, and titanium dioxide). For preservation of pulp and paper slurries and for preservation of paper coating compositions, including starch preparations. Add 0.02 – 0.11% of this product. Not for use in food contact paper products or paper coatings.

For preservation of adhesives, tape joint compounds, spackle, stucco, grout, glazing compounds, fillers, sealants, caulks, and weather stripping. Add 0.16 – 0.24% of this product. Not for use in food contact adhesives.

For preservation of manufactured paper and paperboard products such as insulation facing, wallboard facing, stationeries, and paper packaging. Add 0.16 – 0.24% of this product. Not for use in food contact paper products.

For preservation of composites, gypsum, perlite, plaster-like or mineral and cellulose materials. For preservation of ceiling tiles, partitions, dry wall and wallboard. Add 0.16 – 0.24% of this product.

For preservation of coatings. Add 0.16 – 0.24% of this product. Not for marine use.

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