

75526-1

01/26/2010

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U.S. ENVIRONMENTAL PROTECTION AGENCY

Office of Pesticide Programs
Antimicrobials Division (7510C)
1200 Pennsylvania Avenue NW
Washington, D.C. 20460

EPA Reg. Number:
75526-1

Date of Issuance:
JAN 26 2010

Term of Issuance:
Conditional

Name of Pesticide Product:
Stalosan F

NOTICE OF PESTICIDE:
 Registration
 Reregistration

(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):

Kent Adams
Archangel LLC
636 Hampshire Street, Suite 208
Quincy, IL 62301

Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered under the Federal Insecticide, Fungicide and Rodenticide Act. Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

Based on your response to the Copper Compounds II RED, the EPA has reregistered this product. This action is taken under the authority of section 4(g) (2) of the Federal Insecticide, Fungicide and Rodenticide Acts, as amended. Registration under this section does not eliminate the need for continual reassessment of pesticides. The EPA may require submission of data at any time to maintain the registration of the subject product.

The following label revisions must be made:

1. The Chemical Abstracts Service (CAS) number for copper sulfate pentahydrate must be added to the ingredient statement.

Signature of Approving Official:

Marshall Swindell
(Acting) Product Manager Team 34
Regulatory Management Branch II
Antimicrobials Division (7510P)

Date:

JAN 26 2010

2. As specified in the acute toxicity review, a phone number for emergency medical treatment information should be added to the label if the phone number on the label (217-641-0007) is not intended to provide this information.
3. Per the acute toxicity review, the Hazards to Humans and Domestic Animals must be revised to read:

"CAUTION

Causes moderate eye irritation. Avoid contact with eyes or clothing."

4. Per the RED, the PPE text appearing on the label must be revised to read:

"Personal Protective Equipment (PPE)

Mixers, loaders, applicators and other handlers must wear the following:

Long-sleeved shirt and long pants, and

Shoes and socks."

Note: All PPE should be grouped together. Eyewear and a dust mask mentioned in the directions for use should be moved to the PPE section of the label. Additionally it is recommended that the eyewear text be revised to read "goggles or face shield."

5. Per the RED, the following User Safety Requirements statements must be added to the label for this occupational use product:

"Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry.

Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them."

6. Per the RED, the following User Safety Recommendations must be added to the label of this occupational use product and should be placed in a box:

"User Safety Recommendations

User should wash hands before, eating, drinking, chewing gum, tobacco, or using the toilet.

User should remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.

Users should remove PPE immediately after handling this product. As soon as possible, wash thoroughly and change into clean clothing."

7. If this product is intended for use in outdoor areas of livestock housing, the Environmental Hazard must be revised to read:

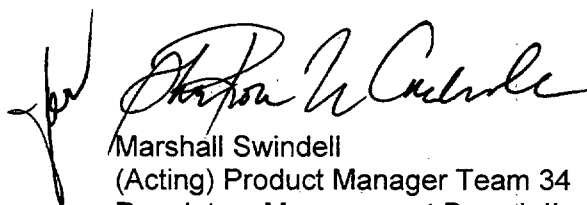
"This pesticide is toxic to fish and aquatic invertebrates and may contaminate water through runoff. This product has a potential for runoff for several months or more after application. Poorly draining soils and soils with shallow water tables are more prone to produce runoff that contains this product. Drift and runoff may be hazardous to aquatic organisms in water adjacent to treated areas.

Do not apply directly to water, to areas where surface water is present, or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment washwaters or rinsate."

- 8. Per the product chemistry review and PR Notice 2007-4, revisions are needed to the storage and disposal section of the label.

The Agency anticipates an amended copper compounds RED will be finalized by the end of FY 2010. Additional labeling language may be required at that time. For additional information, please refer to the enclosed EPA reviews. Submit three (3) copies of the revised labeling bearing the labeling revisions listed above. If you have any questions concerning this matter, please contact me at (703) 308-6341 or by email at swindell.marshall@epa.gov or ShaRon Carlisle at (703) 308-6427 or by email at carlisle.sharon@epa.gov.

Sincerely,



Marshall Swindell
(Acting) Product Manager Team 34
Regulatory Management Branch II
Antimicrobials Division (7510P)

Enclosures: (Agency reviews)

[bracketed phrases are optional text]

Stalosan F

For use in livestock housing, to improve the external environment and flooring conditions around animals.

Lack of moisture assists in the reduction of non-public health microorganisms

Stalosan F adsorbs moisture, ammonia, hydrogen sulphide and other gases.

[Inhibits the growth of non public health bacteria and fungi]

[Eliminates odor causing bacteria, fungi, mold, and mildew]

[Inhibits the growth of non public health bacteria]

[Inhibits the growth of non public health fungi]

[Reduces ammonia and moisture]

[Eliminates odor causing bacteria, fungi, mold, and mildew]

[Eliminates odors associated with bacteria, mold, and mildew]

[Deodorizes], [Deodorizer]

[Controls and inhibits odor causing bacteria, fungi, mold, and mildew]

Active Ingredients:

Copper Sulfate Pentahydrate*2.66%

Inert Ingredients..... 98.54%

TOTAL.....100.00%

* Metallic Copper Equivalent Equal-----0.68%

ACCEPTED
with COMMENTS
in EPA Letter Dated:

JAN 26 2010

Under the Federal Insecticide,
Fungicide, and Rodenticide Act as
amended, for the pesticide,
registered under EPA Reg. No. **75526-1**

Caution

Keep Out of Reach of Children

FIRST AID

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 continue rinsing eye.
- Call a poison control center or doctor for treatment advice.

Have the product container or label with you when calling a poison control center or doctor, or going for treatment.

SEE SIDE PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS

EPA Reg. No. 75526-~~R~~ '1

ArchAngel LLC
636 Hampshire, Suite 208
Quincy, IL 62301

EPA est. No. 75613-DNK-01

phone number 217-641-0007

25 Kg. Net Wt.

PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

CAUTION. Causes moderate eye irritation. Avoid contact with eyes or clothing. Wear protective eyewear. Wash thoroughly with soap and water after handling and before eating, drinking or using tobacco.

ENVIRONMENTAL HAZARDS

ACCEPTED
with COMMENTS
in EPA Letter Dated:

JAN 26 2010

This product is toxic to fish and aquatic organisms.

Under the Federal Insecticide,
Fungicide, and Rodenticide Act as
amended, for the pesticide,
registered under EPA Reg. No. 75526-1

Directions for Use

It is a violation of federal law to use this product in a manner inconsistent with its labeling. Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application.

Application methods: Limited application can be conducted by utilizing a hand cranked, spreader or duster device. When using a hand crank device, carefully deposit product from the bucket or bag into the hopper of the device using a measuring cup consistent with recommended application rates. For more extensive applications, use an electric or gas powered blower unit capable of blowing 300 – 400 cubic feet per minute. Select blowers that have vacuum capability. Determine the amount of product needed for the area of application and pour directly from bag or bucket into a temporary storage container. Use the vacuum attachments which come with these units to draw up material directly from the temporary storage container. Due to the likelihood of dust in the air, use safety goggles and a dust mask when applying with blower units. Clean up any spillage during application and dispose of according to disposal instructions shown below.

Dosage rates: Add 1 pound of **Stalosan F** to every 100 sq. ft. If the area is badly affected, increase the dosage slightly. Initially apply **Stalosan F** once a day for 3 days. Continue treatment once a week, thereafter. **Stalosan F** can be applied while animals are present.

STORAGE AND DISPOSAL

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

PESTICIDE STORAGE: Store this product in a cool, dry area away from direct sunlight and heat to avoid deterioration and in an area inaccessible to children.

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: Once bag is empty, dispose of in a sanitary landfill or by incineration, or; if allowed by state and local authorities, by burning. If burned, stay out of smoke.