

39967-28

04-7-2004

1/3



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC 20460

OFFICE OF
PREVENTION, PESTICIDES
AND TOXIC SUBSTANCES

April 7, 2004

Stan Oslosky
HES Principal
Bayer Corporation
100 Bayer Road
Pittsburgh, PA 15205-9741

Subject: **Biocheck 721M**
EPA Registration No. 39967-28
Application Dated January 9, 2004

Dear Mr. Oslosky:

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

Proposed Amendment

- Revised basic CSF dated 1/9/04 and alternate CSF dated 2/16/04
- Update labeling

General Comments

The revised Basic Confidential Statement of Formula (CSF) supersedes all previously accepted basic formulas. A copy of the alternate CSF has been inserted in your file for future reference.

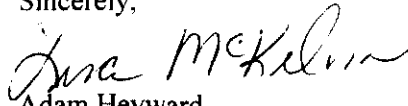
Other Comments

The EPA establishment number must be listed on the label.

Submit three (3) copies of your final printed labeling before distributing or selling the product bearing the revised labeling.


Should you have any questions or comments concerning this letter, please contact me at (703) 308-6422, or Lisa McKelvin at (703) 308-7496.

Sincerely,



Adam Heyward

Product Manager (34)



Regulatory Management Branch II
Antimicrobials Division (7510C)

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

DANGER. CORROSIVE. Causes irreversible eye damage. May be fatal if inhaled. Harmful if swallowed or absorbed through skin. Do not get in eyes or on clothing. Avoid contact with skin. Do not breathe spray mist. Wear goggles or face shield. For handling activities during the use of airblast, mistpower, pressure greater than 40 p.s.i. with fine droplets, smoke, mist, fog aerosol or direct exposure, wear eight a respirator with an organic vapor (QV) cartridge, or a canister with any N, P, R, or HE prefilter. For all other exposures, wear a dust/mist/filtering respirator (MSHA/NIOSH approval number prefix TC-21C) or a NIOSH approved respirator with any N, P, R, or HE prefilter. Prolonged or frequently repeated skin contact may cause allergic reaction in some individuals. Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet. Remove contaminated clothing and wash clothing before reuse.

Applicators and other handlers must wear long-sleeve shirts and long pants, socks plus shoes, and chemical resistant gloves. Do not apply this product in a way that will contact workers or other persons. Follow manufacturer's instructions for cleaning/maintaining PPE. If there are no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry. Discard clothing or other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them. If the pesticide gets inside clothing remove clothes immediately, wash thoroughly, and put on clean clothing. Users should remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

ENVIRONMENTAL HAZARDS

This product is toxic to fish and wildlife. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans, or public 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 sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA.

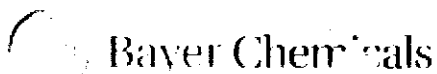
STORAGE AND DISPOSAL

PESTICIDE DISPOSAL: Do not contaminate water, food, or feed by storage or disposal. Open dumping is prohibited. Pesticide wastes are toxic. 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 environmental control agency, or the hazardous waste representative at the nearest regional office for guidance.

CONTAINER DISPOSAL: Metal Containers or Plastic Containers: Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or other procedures approved by state and local authorities.

Plastic Containers: May be incinerated, or, if allowed by state and local authorities by burning. If burned, stay out of smoke.

Metal Containers: Must not be incinerated. Do not cut or weld on or near metal containers.



BIOCHEK[®] 721M

PRESERVATIVE WHICH EFFECTIVELY INHIBITS THE GROWTH OF MICROORGANISMS IN PAINTS/COATINGS, EMULSIONS, ADHESIVES, PIGMENT SLURRIES, JOINT COMPOUNDS, STARCH, AND TEXTILE CHEMICALS

ACTIVE INGREDIENTS:

1,2-Dibromo-2, 4-dicyanobutane..... 12.00%

2-Bromo-2-nitropropane-1,3-diol..... 6.00%

INERT INGREDIENTS..... 82.00%
100.000%

KEEP OUT OF REACH OF CHILDREN

DANGER PELIGRO

EPA Reg. No. 39967-28

FIRST AID

- IF IN EYES: Hold eyelids 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. Call a poison control center or doctor for treatment advise.
- IF ON SKIN: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advise.
- IF SWALLOWED: Call a poison control center or doctor immediately for treatment advise. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told by a poison control center or doctor.
- IF INHALED: Move person to fresh air. If person is not breathing, call 911 or ambulances, then give artificial respiration, preferably mouth-to-mouth, if possible. Call a poison control center or doctor for treatment advise.
- Have the product Material Safety Data Sheet (MSDS) with you when calling a Poison Control center or when going for treatment.
- NOTE TO PHYSICIAN: Probable mucosal damage may contraindicate the use of gastric lavage.

BAYER CHEMICALS CORPORATION

100 Bayer Road

Pittsburgh, PA 15205

IN CASE OF EMERGENCY, CALL: CHEMTREC 800-424-9300
ACCEPTED INTERNATIONAL (703)-527-3887

with COMMENTS

EPA Letter Dated Net contents:

APR - 7 2004

DIRECTIONS FOR USE

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

Typical Use Levels:

Lab testing shows the product to be effective in the range of 0.0075% - 0.1% (75 ppm - 3000 ppm). These ranges are based on the total formulation, v depend on components, storage time etc... and can be determined by actual testing.

Recommendations:

Interior Paints/Coatings - The following concentrations must be used to inhibit in-can microbiological degradation of water based paint/coa systems. The concentrations are based on the total paint formulation we and should be incorporated into the makeup water during the grind. (0.075 - 0.2%)

Emulsions - The following concentrations must be used to inhibit in-microbiological degradation of water based emulsion systems.

concentrations are based on the total emulsion formulation weight and should be added using moderate agitation immediately following the cool-down of the emulsions and prior to pumping to storage tank facilities. (0.075 - 0.2%)

Adhesives - The following concentrations must be used to inhibit in-microbiological degradation of water based adhesive systems.

concentrations are based on the total adhesive formulation weight and should be incorporated with agitation to the makeup water. However, where adhesive is heated, BIOCHEK[®]721M, should be added during the cool-down cycle. (0.05 - 0.2%)

Pigment Slurries - The following concentrations must be used to inhibit in-can microbiological degradation to water based dispersed pigment systems. The concentrations are based on the total dispersed pigment formula weight and should be added using moderate agitation immediately follow the cool-down of the dispersed pigment and prior to pumping to the storage tank facilities.

Pigment Type	Percent Concentration
Titanium Dioxide	0.025% - 0.3%
Calcium Carbonate	0.075% - 0.3%

Joint Compounds - The following concentrations must be used to inhibit in-can microbiological degradation to water based joint compound systems. The concentrations are based on the total joint compound formulation we and should be incorporated with agitation to the makeup water blend. (0.05 - 0.1%)

Textile Chemicals - The following concentrations must be used to inhibit in-can microbiological degradation to water based textile chemical systems. The concentrations are based on the total textile chemical formulation we and should be incorporated with agitation to the makeup water blend. (0.05 - 0.2%)

Starch - The following concentrations must be used to inhibit in-microbiological degradation of water based starch systems. concentrations are based on the total starch formulation weight and should be incorporated with agitation to the makeup water. However, where the starch is heated, BIOCHEK[®]721M, should be added during the cool-down cycle. (0.05 - 0.2%)

[®] Biochek is a registered trademark of Bayer Chemicals Corporation

Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, for the pesticide, registered under EPA Reg. No. 39967-28

3/3