

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Nashville Chemicals & Equipments Co., Inc.
7001 Westbelt Drive
Nashville, TN 37209

MAR 15 2004

Attention: James A. Mulloy

Subject: **MBC 415**
EPA Registration No. 44392-11
Amendment Application Date: November 19, 2003
EPA Received Date: December 10, 2003

The amendment 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 labeling change.

This letter acknowledge receipt of Nashville Chemical & Equipment Co. Inc., application for amendment for:

- Revise label Per PR-Notice 2001-1 "First Aid Statement"
- The fuel use must be deleted from the subject product labeling. It is new area of application for this product.

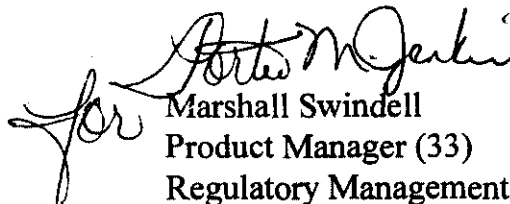
A stamped copy is enclosed for your records.

CONCURRENCES							
SYMBOL							
SURNAME							
DATE							

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Should you have any questions or comments concerning this letter, please contact me at (707) 308-6341 or Portia Jenkins at 308-6230.

Sincerely,

for Marshall Swindell

Product Manager (33)
Regulatory Management Branch I
Antimicrobials Division (7510C)

Enclosure

MBC 415

ACTIVE INGREDIENTS:

2-(Thiocyanomethylthio)benzothiazole.....	2.5%
Methylene bis(thiocyanate).....	2.5%
INERT INGREDIENTS:	95.0%
(Contains Petroleum Distillates)	
TOTAL	100.0%

One gallon of product contains 0.215 lbs. of each active ingredient.

KEEP OUT OF REACH OF CHILDREN
DANGER

FIRST AID

If in Eyes	-Hold eyes 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 further treatment advice.
If on Skin, Clothes	-Take off contaminated clothing. -Rinse skin immediately with plenty of water for 15-20 minutes. -Call a poison control center or doctor for treatment advice.
If Ingested	-Call 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 do so by the poison control center or doctor. -Do not give anything by mouth to an unconscious person.
If Inhaled	-Move person to fresh air. -If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth if possible. -Call a poison control center or doctor for further treatment advice.

HOT LINE NUMBER

Have the product container or label with you when calling a Poison Control Center or doctor or going for treatment. You may also contact CHEMTREC or 800-424-9300 for emergency medical treatment information.

NOTE TO PHYSICIAN

Probable mucosal damage may contraindicate the use of gastric lavage.

PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS

DANGER: Corrosive. Causes irreversible eye damage and causes skin burns. May be fatal if swallowed or absorbed through the skin. Do not get in eyes, on skin or on clothing. Do not breathe vapor or spray mist. Wear goggles or face shield, protective clothing and rubber gloves while using this product or carrying treated wet unfinished goods. Wash thoroughly with soap and water after handling and before eating, drinking or using tobacco. Remove and wash contaminated clothing before reuse. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals. Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.

ENVIRONMENTAL HAZARDS: This pesticide is toxic to fish. For terrestrial uses, do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. 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 State Water Board or Regional Office of the EPA. **PHYSICAL AND CHEMICAL HAZARDS:** Do not expose to extreme temperatures.

DIRECTIONS FOR USE

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

NOTE TO USER: Do not apply this product in a way that will contact workers or other persons.

COOLING TOWERS: MBC 415 is used to protect cooling tower wood against soft or surface rot and internal or dry rot. It is applied by painting a dispersion containing 2.0 to 2.8% MBC 415 in water onto the clean wood surface. The amount applied should provide 2.4 to 3.2 lb. MBC 415 per 1000 sq. ft. of wood surface. Soft or surface rot can also be inhibited by periodic shock doses of MBC 415 to the recirculating cooling water at the basin or cold well. The dosage should provide 5.0 lb. of MBC 415 per 1000 gallons of water and the bleedoff should be stopped for 4 to 6 hours after treatment. The shock treatment should be repeated every four months.

COOLING WATER: MBC 415 is used to control algae, bacteria, and fungi in industrial recirculating cooling water systems. Before treatment is begun, the system should be cleaned thoroughly to remove old algal growth, microbiological slime, and other deposits. The system should then be drained, flushed, refilled with water, and treated with an initial dose of .4 to 14.8 fl. oz. MBC 415 per 1000 gallons water in the system. Subsequent additions of 0.8 to 4.8 fl. oz. per 1000 gallons should be made every 1 to 5 days, depending on amount of bleedoff and severity of microbiological fouling.

DRILLING FLUIDS: To inhibit bacterial and fungal degradation of the fluids or muds used in the drilling of wells, MBC 415 is incorporated in the drilling fluid at concentrations of 0.2 to 1.0% based on the total wet weight of the fluid.

PETROLEUM SECONDARY RECOVERY: MBC 415 is used to control sulfate-reducing bacteria, slime-forming bacteria and fungi in oil-field water, polymer, or micellar floods, water-disposal systems, and other oil-field water systems at dosage rates of 15.6 to 52.0 fl. oz. of MBC 415 per 1000 gallons of water treated. Additions should be made continuously or intermittently by means of a metering pump at the free water knockouts, before or after injection pumps and injection well headers. Continuous Feed Method: When system is noticeably fouled, add 15.6 to 52.0 fl. oz. MBC 415 per 1000 gallons of water continuously until desired degree of control is achieved. Then treat with 15.6 to 52.0 fl. oz. MBC 415 per 1000 gallons of water continuously, or as needed to maintain control. Intermittent or Slug Method: When system is noticeably fouled, or to maintain control, add 15.6 to 52.0 fl. oz. MBC 415 per 1000 gallons of water for 4 to 8 hours per day and 1 to 4 times per week, or as needed to maintain control.

CRUDE AND REFINED OILS: MBC 415 is an oil-soluble preservative for the control of bacteria and fungi that cause the degradation of crude oil and refined fuel oils during storage. Crude and refined oils include, but are not limited to, olefinic, aromatic, paraffinic, and naphthenic oils. It should be added to the oil as it is being transferred from the shipping container to the storage tank at the rate of 2.4 to 24.0 fl. oz. MBC 415 per 1000 gallons of oil. Addition should be made batchwise where mixing occurs or continuously to the suction side of the transfer pump.

FUEL: To eliminate and/or prevent the growth of fungi and bacteria in fuel (e.g. gasoline, diesel #1, diesel #2 and bunker C), MBC 415 should be added to fuel at a rate of 1.25 to 2.5 fluid ounces per 100 gallons of fuel. Addition should be made during fueling in order to ensure adequate mixing. For contaminated systems, MBC 415 should be added at shock treatment levels (see table below). For clean fuel storage systems, MBC 415 should be added at maintenance treatment levels (see table below). **MBC 415 is NOT for use in Aviation Fuels.**

Gallons of fuel	Shock Treatment	Maintenance Treatment
20	0.5 fluid ounces	0.25 fluid ounces
40	1.0 fluid ounces	0.5 fluid ounces
60	1.5 fluid ounces	0.75 fluid ounces
100	2.5 fluid ounces	1.25 fluid ounces

COATINGS: MBC 415 is used to control fungal growth on coatings. Use levels will vary from 2.0 to 36.0% based on the total weight of the formulation. The exact level will depend on the severity of contamination as well as the nature and amounts of other components of the formulation.

ACCEPTED
with COMMENTS
in EPA Letter Dated

MAR 05 2004

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

44392-11

STORAGE

Do not contaminate water, food or feed. **PESTICIDE STORAGE:** Do not expose drums high. Drums should be opened in a well-ventilated area and should not be placed in overpack drums for disposal or disposed of in a sanitary landfill. Keep containers closed. **PESTICIDE DISPOSAL:** Pesticide waste from use of the product, excess pesticide, spray, or other material should be disposed of at an approved disposal facility. If these waste disposal instructions, contact your State Pesticide Waste representative at your EPA Region. **CONTAINER DISPOSAL:** Triple rinse, if necessary, and recycle or puncture and dispose of in state and local authorities, by burning. If

DISPOSITION
NASHVILLE CHEMICAL
7001 VANDERBILT
NASHVILLE, TN

EPA Est. No. 44392-TN-01

EPA Reg. No. 44392-11

Product Weight 8.6 lbs/gal 1.0

HMIS / NPCA Ratings

Health 3 Flammability 2 Reactivity 1

CORROSIVE LIQUID, TOXIC
BENZOTHIAZOLE, METHYLENE

NET CONTENTS: _____