UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

PM21 1448-81 Pg 2013

40V 27 499

252119 300

Ms. Shaun L. Helmhout Buckman Laboratories 1256 North McLean Boulevard P.O. Box 8305 Memphis, TN 38108

Dear Ms. Helmhout:

Subject: Increase of Subsequent Additions Under Cooling Towers and Removal of Spray Application Under Cooling Towers
Busan 1009
EPA Registration No. 1448-81
Your Submission Dated April 5, 1989

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), as amended, is acceptable provided that you:

- Make the labeling changes stated below before you release the product for shipment bearing the amended labeling.
 - a. Revise the Statement of Practical Treatment for oral exposure as follows:

IF SWALLOWED: Drink promptly a large quantity of egg whites, gelatin solution, or if these are not available, drink large quantities of water. Avoid alcohol. Do not give anything by mouth to an unconscious person. Get medical attention.

55139:I:Stone:LR-10:KENCO:11/02/89:12/15/89:de:vo:sw:ek:de:sw:AS

CONCURRENCES								
SYMBOL					~~			
SURNAME					l .	, i		
DATE		l 	_					_
EPA Fem 1320-1 (12-70) OFFICIAL							AL FILE COPY	

b. Add the following sentence to the precautionary statements:

Wash thoroughly with soap and water after handling and before eating or smoking. Remove contaminated clothing and wash before reuse.

 Submit one (1) copy of your final printed labeling before you release the product for shipment under this amendment.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6(e). Your release for shipment of the product bearing the amended labeling constitutes acceptance of these conditions.

A stamped copy of the labeling is enclosed for your records.

Sincerely yours.

Suman Lewis
Product Manager (21)
Fungicide-Herbicide Branch
Registration Division (87505C)

Ť

Enclosure

Ì

Under the FeckEER COLUT OF REACH OF CHILDREN Fungicide, and Rodenticide Act as amended, for the pesticide registered under EPA Reg. No.

DANGER

1448-81 PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS

DANGER: Corrosive, causes irreversible eye damage and causes skin damage. Harmful or fatal if swallowed or absorbed through the skin. This product is a potential skin sensitizer. Workmen handling this product or treated material should wear impervious gloves, goggles or face shield, and protective clothing. All protective clothing, work shoes or busis, and equipment must be left at the work site at the end of the day. Eating, drinking, or smoking during use of this product is prohibited.

FIRST AID: In case of skin contact, wash promptly and thoroughly with soap and water and finally with glycerin. If product gets in the eyes, flush immediately with copious amounts of clean, cool water for 15 to 30 minutes. Get medical attention immediately. If product is swallowed, call a physician or Poison Control Center. Drink 1 or 2 glasses of water and induce vomiting by touching back of throat with finger. Do not induce vomiting or give anything by mouth to an uncriscious person.

ENVIRONMENTAL HAZARDS: This pesticide is toxic to fish. Do not apply directly to water or wetlands. Permits may be required for discharges containing this pesticide into lakes, streams, ponds, or public waters. For guidance, contact the regional office of the Environmental Protection Agency.

STORAGE & DISPOSAL

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

STORAGE: Do not expose to extreme temperatures. Do not stack more than five drums high. Drums should be opened in well-ventilated areas. Leaking or damaged drums should be placed in overpack drums for disposal. Spills should be absorbed in sawdust or sand and disposed of in a sanitary land-titl. Keep container closed when not in 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 your EPA Regional Office for guidance.

CONTAINER DISPOSAL: Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, by incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

DIRECTIONS FOR USE

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

SAPSTAIN AND MOLD CONTROL: Busen 1009 is used to control control espetain and meld on weekly cul hardwoord and softwood lumber, togs, poles, posts and timbers. It is applied by dipping or apraying the wood until complete surface wetting is accomplished. Use 1.4 to 11.0 kg of Busen 1009/100 L water (3 to 24 the or duesn 1009/100 gall water) and agriate vigorously until Busen 1009 is thoroughly dispersed. Rates to be used will vary according to temperature, humidity, wood mounture, storage conditions, etc. Under conditions sultable for aggressive mold growth, the high rate mentioned above should be used. Treatment should be made as quickly as possible after lumber is cut and always within 24 hours after cutting.

PAPER MILLS: To control bacterial and fungst growth on paper and paperboard machines, Busan 1009 is added to the white water or stock at 0.1 to 0.5 to/ton of dry paper or paperboard produced. To inhibit the growth of becteria and fungit in papermaking additives (including alum solutions, animal glue solutions, pigment slurres, coating formulations, and starch slurres and solutions). Busan 1009 is added to these materials in concentrations of 50-400 ppm (weight/weight). Pulp that may be held in storage for 8 hours to 1 week should be treated with 0.25 to 0.75 kg of Busan 1009 per tonne (0.5 to 1.5 kb per ton) of mosture-free pulp. Busan 1009 may be added to contaminated fresh water at the rate of 0.25-1 ppm for treatment periods of 6-12 hours out of each 24 hours.

COOLING TOWERS: Busan 1009 is used to protect cooling tower or dry rot. It is applied by painting a dispersion container clean wood surfaces. The amount applied should provide 0.6 to 0.8 Soft or surface rot can also be inhibited by periodic shock doses of all the tower basin or cold well. The dosage should provide 1.25 to bleedoff should be stopped for 4 to 6 hr after treatment. The shock tre COOLING WATER: Busan 1009 is used to control algae, bacteria water systems. Before treatment is begun, the system should be climicrobiological sime, and other deposits. The system should then be climic water and dose of 0.6 to 3.7 ft oz Busan 1009 per 1000 gal water 3.7. It oz per 1000 gal should be made every 1 to 5 days, depermicrobiological fouling.

DRILLING FLUIDS: To Inhibit becleriel and fungel degradation of Busan 1009 is incorporated in the drifting fluid at concentrations of

of the Huid

PETROLEUM SECONDARY RECOVERY: Busan 1000 is used to con becterla and fungl in oil-field water, polymer, or micellar floods, wa systems at dosage rates of 3.9 to 13.0 ft oz of Busan 1009 per 1000 (continuously or intermittently by means of a metering pump at the i pumps and injection well headers. Continuous Feed Method: Whe N oz Busan (009 per 1000 gal of water continuously until desired o 3.9 to 13.0 flor Busan 1009 per 1000 gall of water continuously, or a Stug Methou: When system is noticeably fouled, or to r. sintain cont gal of water for 4 to 8 hr per day and 1 to 4 times per week, or as CRUDE A VD REFINED OILS: Busan 1009 is an oil-soluble preserva cause the degradation of crude oil and refined fuel oils during stora transferred from the shipping container to the storage lank at the ra of oil. Admission should be made batchwise where mixing occurs or conti HIDES A 4D SKINS: Busan 1009 is used to prevent becterial decom 1009 should be used at a level of 0.3 to 2.0 lb/1000 lb of green fleshe 1009 car be added directly to the raceway during addition of hides. lions Bu. an 1009 should be added as a dispersion in water. A satisf four par s water can be prepared by adding the Busan 1009 to the 1009) with egitation

LEATHI R: To prevent mold growth on chrome- or vegetable-tanned operations prior to finishing. Busan 1009 is used at treatment rates A dispe sion as described above should be prepared and added to the the tan ling operation or to the rinse water in a post-tanning refloat COATI IGS: Busen 1009 is used to formulate coatings that are mold of by fun it. Use levels will very from 0.5 to 9.0% based on the total we will derend on the severity of contamination as well as the nature and tion. A ifer to the booklet "Busan 1009 for Wood Protective Coatings": PULP HILLS: To protect wood chips from fungal degradation during of over dry wood. It can be applied through a water shower or spra chips rom the chipper to the storage pile. For preservation of wet t Bussr 1009 is used at 0.5 to 4 lb/ton of oven-dry liber. It is applied to of sprays or applicator rolls. Pulp that may be held in storage for 8 to 0.75 kg of Busan 1009 per tonne (0.5 to 1.5 lb per ton) of moisi PAR' ICLE BOARD: Busan 1009 is employed as a preservative ap sulet on board, and other wood-base liber and particle panel mi the filmish, resin, or binding agent at 0.1 to 3% based on the dry

MANUFACTURED B

BUCKMAN LABORAT

JUNIVIAIN LADUNA I 1256 N. McLEAN BLVD., MEMPHIS,

EPA EST NO. 1448-TN-1

NET CON