

Reg # 1448-101

PM-22

192

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

JAN 31 1992

Dennis L. Barbee, M.S.
Buckman Laboratories International, Inc.
1256 North McLean Blvd.
P.O. Box 89395
Memphis, TN 38108-0305

Dear Mr. Barbee:

Subject: BUSAN 1072
EPA Reg. No. 1448-101
Re: Labeling Amendments
Your submission dated November 5, 1991

The labeling referred to above submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, is acceptable subject to the comments listed below. Please submit five (5) copies of your final printed labeling before releasing your product for shipment. A stamped copy is enclosed for your records.

1. Please update your "wetlands" statement under "Environmental Hazards" to read "Do not apply directly to water, to areas where surface water is present or to intertidal areas below the mean high water mark."

Sincerely,

Cynthia Giles-Parker

Cynthia Giles-Parker
Product Manager (22)
Fungicide-Herbicide Branch
Registration Division (H7505C)

enclosure

CONCURRENCES

SYMBOL	H 11-7505C						
SURNAME	COLE						
DATE	11/24/92						

ACCEPTED
with COMMENTS
In EPA Letter Dated:
JAN 31 1992

BUSAN 1072

BUSAN is a registered trademark.

ACTIVE INGREDIENTS
2-(Thiocyanomethylthio)benzylamine
Methylene bis(thiocyanate)
(Contains Petroleum Distillate)
INERT INGREDIENTS

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

KEEP OUT OF REACH OF CHILDREN
DANGER

1448-101

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 boots, 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. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse.

STATEMENT OF PRACTICAL TREATMENT: 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 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.

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 water. For guidance, contact the regional office of the Environmental Protection Agency.

PHYSICAL AND CHEMICAL HAZARDS: Do not expose to extreme temperatures.

STORAGE AND 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 landfill. 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 Law to use this product in a manner inconsistent with its labeling.

SAPSTAIN AND MOLD CONTROL: Busan 1072 is used to control sapstain and mold on freshly cut hardwood and softwood lumber, logs, poles, posts and timbers. It is applied by dipping or spraying the wood until complete surface wetting is accomplished. Use 0.75 to 6 kg of Busan 1072/100L water (5 to 45 lbs of Busan 1072/100 gal water) and stir vigorously until Busan 1072 is thoroughly dispersed. Rates to be used will vary according to temperature, humidity, moisture, storage conditions, etc. Under conditions suitable for aggressive mold growth, the high rate mentioned above should be used.

PAPER MILLS: To control bacterial and fungal growth on paper and paperboard machines, Busan 1072 is added to the white

water or stock at 0.2 to 1.0 lb/ton of dry paper or paperboard produced.

COOLING TOWERS: Busan 1072 is used to protect cooling tower wood against rot. It is applied by spraying or painting a dispersion containing 1.0 to 1.4% Busan 1072. The amount applied should provide 1.2 to 1.6 lb Busan 1072 per 1000 sq ft of wood surface. Periodic shock doses of Busan 1072 to the recirculating cooling water at the tower should provide 2.5 lb of Busan 1072 per 1000 gal of water and the bleedoff should be stopped. Treatment should be repeated every four months.

COOLING WATER: Busan 1072 is used to control algae, bacteria, and fungi in industrial cooling water. Before treatment is begun, the system should be cleaned thoroughly to remove old deposits. The system should then be drained, flushed, refilled with water, and treated with 2.5 lb of Busan 1072 per 1000 gal water in the system. Subsequent additions of 0.4 to 2.4 lb of Busan 1072 per 1000 gal water should be made at 2 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, Busan 1072 is incorporated in the drilling fluid at concentrations of 0.1 to 0.5% based on the fluid.

PETROLEUM SECONDARY RECOVERY: Busan 1072 is used to control bacteria and fungi in oil-field water, polymer, or micellar floods, water-disposal systems, and produced water. Rates of 7.8 to 26.0 fl oz of Busan 1072 per 1000 of water treated. Additions should be made by means of a metering pump at the free water knockout, before oil-water separation. **Injection Pump Feed Method:** When system is noticeably fouled, add 7.8 to 26.0 fl oz Busan 1072 per 1000 gal of water. The desired degree of control is achieved. Then treat with 7.8 to 26.0 fl oz Busan 1072 per 1000 gal of water to maintain control. **Intermittent or Slug Method:** When system is noticeably fouled, add 26.0 fl oz to Busan 1072 per 1000 gal of water for 4 to 8 hr per day and 1 to 4 times per week.

CRUDE AND REFINED OILS: Busan 1072 is an oil-soluble preservative for the prevention of bacterial and fungal degradation of crude oil and refined fuel oils during storage. It should be added to the shipping container to the storage tank at the rate of 1.2 to 12.0 fl oz Busan 1072 per 1000 gal of oil. Add batchwise where mixing occurs or continuously to the suction side of the transfer pump.

HIDES AND SKINS: Busan 1072 is used to prevent bacterial decomposition of hides and skins. It can be used at a level of 0.6 to 4.0 lb/1000 lb of green fleshed hides or skins. In rack drying, add directly to the rackway during addition of hides and operation of paddles. In processing, add as a dispersion in water. A satisfactory dispersion of one part Busan 1072 plus 100 parts water. Add the Busan 1072 to the water (as opposed to adding water to Busan 1072) with agitation.

LEATHER: To prevent mold growth on chrome- or vegetable-tanned hides and skins prior to finishing, Busan 1072 is used at treatment rates of 1.0 to 5.0 lb/1000 lb of hides. The dispersion described above should be prepared and added to the pickling solution or the final finish solution. Add to the rinse water in post-tanning re-alk.

COATINGS: Busan 1072 is used to protect coatings against discoloration and mold growth. It is used at 1.0 to 18.0% based on the total weight of the coatings. For solvent-based coatings, use aromatic solvents or combinations of aromatic and aliphatic solvents and added to the coating. For water-thinned latex emulsion coatings, Busan 1072 can be premixed with the pigment slurry or simply added to the let-down or finished paint. Rates to be used will vary according to substrate condition, etc. Under conditions suitable for aggressive fungal growth, the high rate mentioned above should be used.

HMIS/NPCA RATING
Health 3 Flammability 2 Reactivity 1

Manufactured By EPA Est. No. 144-B
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