BUSAN 1071

BUSAN is a registered trademark.

KEEP OUT OF REACH OF CHILDREN
DANGER

ACCEPTED

APR 1 0 2000

Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, for the pesticide, registered under EPA Reg. No. 1448-102

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.

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 skin. Do not get in eyes, on skin or on clothing. Do not breathe vapor or spray mist. Mixers, loaders, applicators, and other handlers must wear long-sleeve shirt and long pants; shoes plus socks; protective eyewear; chemical-resistant apron; and chemical-resistant gloves such as nitrile or PVC. Discard clothing or other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them. 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. User should wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet. User should remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on 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. This product may cause skin sensitization in some people. **STATEMENT OF PRACTICAL TREATMENT (FIRST AID):** If in eyes: Call a physician. Hold eyelids open and flush with a steady gentle stream of water for about 15 minutes. If on skin: Wash with plenty of soap and water. Get medical attention. If swallowed: Drink promptly a large quantity of milk, egg whites, gelatin solution, or if these are not available, large quantities of water. Avoid alcohol. Get medical attention. Do not induce vomiting as this may cause aspiration pneumonia. If inhaled: Remove victim to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth. Get medical attention. Note to Physician: Probable mucosal damage may contraindicate the use of gastric lavage. **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.

STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage or disposal.
PESTICIDE 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. Wastes resulting from the use of the product, excess pesticide, spray mixture, or rinsate must be collected and disposed at an approved disposal facility. 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.
NOTE TO USER: Do not apply this product in a way that will contact workers or other persons.
SAPSTAIN AND MOLD CONTROL: Busan 1071 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 5.6 to 44.0 kg of Busan 1071/100 L water (12 to 96 lbs of Busan 1071/100 gal water) and agitate vigorously until Busan 1071 is thoroughly dispersed. Rates to be used will vary according to temperature, humidity, wood moisture, storage conditions, etc. Under conditions suitable 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 fungal growth on paper and paperboard machines, Busan 1071 is added to the white water or stock at 0.4 to 2.0 lb/ton of dry paper or paperboard produced. **COOLING TOWERS:** Busan 1071 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% Busan 1071 in water onto the clean wood surfaces. The amount applied should provide 2.4 to 3.2 lb. Busan 1071 per 1000 sq. ft. of wood surface. Soft or surface rot can also be inhibited by periodic shock doses of Busan 1071 to the recirculating cooling water at the tower basin or cold well. The dosage should provide 5.0 lb. of Busan 1071 per 1000 gal 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:** Busan 1071 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 2.4 to 14.8 fl oz Busan 1071 per 1000 gal water in the system. Subsequent additions of 0.8 to 4.8 fl oz per 1000 gal 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, Busan 1071 is incorporated in the drilling fluid at at concentrations of 0.2 to 1.0% based on the total wet weight of the fluid. **PETROLEUM SECONDARY RECOVERY:** Busan 1071 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 Busan 1071 per 1000 gal 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 Busan 1071 per 1000 gal of water continuously until desired degree of control is achieved. Then treat with 15.6 to 52.0 fl oz Busan 1071 per 1000 gal 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 Busan 1071 per 1000 gal of water for 4 to 8 hr per day and 1 to 4 times per week, or as needed to maintain control. **CRUDE AND REFINED OILS:** Busan 1071 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 Busan 1071 per 1000 gal 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), Busan 1071 should be added to fuel at a rate of 1.25 to 2.5 fl oz per 100 gal of fuel. Addition should be made during fueling in order to ensure adequate mixing. For contaminated systems, Busan 1071 should be added at shock treatment levels (see table below). For clean fuel storage systems, Busan 1071 should be added at maintenance treatment levels (see table below). **Busan 1071 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

HIDES AND SKINS: Busan 1071 is used to prevent bacterial decomposition of brine-cured hides and skins. Busan 1071 should be used at a level of 1.2 to 8.0 lb/1000 lb of green fleshed hides or skins. In raceway operations Busan 1071 can be added directly to the raceway during addition of hides and operation of paddles. In processor operations Busan 1071 should be added as a dispersion in water. A satisfactory dispersion of one part Busan 1071 plus four parts water can be prepared by adding the Busan 1071 to the water (as opposed to adding water to Busan 1071) with agitation. **LEATHER:** To prevent mold growth on chrome- or vegetable-tanned hides and skins during tanning or post-tanning operations prior to finishing, Busan 1071 is used at treatment rates of 2.0 to 10.0 lb/1000 lb of white weight stock. A dispersion as described above should be prepared and added to the pickling solution or the tanning liquor during the tanning operation or to the rinse water in a post-tanning refloat. **COATINGS:** Busan 1071 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.

HMIS/NPCA RATING	Product Weight: 8.6 lbs./gal. 1.03 kg/l
Health 3 Flammability 2 Reactivity 1	NET CONTENTS MARKED ON CONTAINER
	EPA Reg. No. 1448-102

Manufactured By EPA Est. No. 1448-TN-1
BUCKMAN LABORATORIES, INC.
1256 N. McLEAN BLVD., MEMPHIS, TN 38108 USA
(901) 278-0330 or 1-800-BUCKMAN

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