

BUSAN 1071

BUSAN is a registered trademark.

KEEP OUT OF REACH OF CHILDREN
DANGER

PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS

ACCEPTED
MAR 13 1996
Under the Federal Insecticide,
Fungicide, and Rodenticide Act,
as amended, for the pesticide
registered under
EPA Reg. No. 1448-107

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. 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.

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.

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.

ACTIVE INGREDIENTS:

2-(Thiocyanomethylthio)benzothiazole
Methylene bis(thiocyanate)
(Contains Petroleum Distillates)

INERT INGREDIENTS:

SAPSTAIN AND MOLD CONTROL: Busan 1071 is used to control sapstain and mold on freshly cut hard lumber, logs, poles, posts and timbers. It is applied by dipping or spraying the wood until completely accomplished. Use 5.6 to 44.0 kg of Busan 1071/100 L water (12 to 96 lbs of Busan 1071/100 gal water) until Busan 1071 is thoroughly dispersed. Rates to be used will vary according to temperature, humidity, wet conditions, etc. Under conditions suitable for aggressive mold growth, the high rate mentioned above should be made as quickly as possible after lumber is cut and always within 24 hours after cutting. **PAPER:** bacterial and fungal growth on paper and paperboard machines, Busan 1071 is added to the white water portion of dry paper or paperboard produced. **COOLING TOWERS:** Busan 1071 is used to protect cooling soft or surface rot and internal or dry rot. It is applied by painting a dispersion containing 2.0 to 2.8% Busan 1071 on the clean wood surfaces. The amount applied should provide 2.4 to 3.2 lb Busan 1071 per 1000 sq ft of surface rot can also be inhibited by periodic shock doses of Busan 1071 to the recirculating cooling water or cold well. The dosage should provide 5.0 lb of Busan 1071 per 1000 gal of water and the bleedoff should be 6 hr 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 towers. Before treatment is begun, the system should be cleaned thoroughly to remove old algal growth, microbiological deposits. The system should then be drained, flushed, refilled with water, and treated with an initial dose of 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 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 process, Busan 1071 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: Busan 1071 is used to control sulfate-reducing bacteria, slime-forming bacteria, and other oil-field water system problems. Busan 1071 is used to control sulfate-reducing bacteria, slime-forming fungi in oil-field water, polymer, or micellar floods, water-disposal systems, and other oil-field water systems. The amount applied should provide 2.4 to 24.0 fl oz Busan 1071 per 1000 gal of water treated. Additions should be made continuously through a metering pump at the free water knockouts, before or after injection pumps and injection wells.

Feed Method: When system is noticeably fouled, add 15.6 to 52.0 fl oz Busan 1071 per 1000 gal of water desired degree of control is achieved. Then treat with 15.6 to 52.0 fl oz Busan 1071 per 1000 gal of water needed to maintain control. **Intermittent or Slug Method:** When system is noticeably fouled, or to maintain control, add 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.

CRUDE AND REFINED OILS: Busan 1071 is an oil-soluble preservative for the control of bacteria and degradation of crude oil and refined fuel oils during storage. Crude and refined fuel oils include, but are not limited to, aromatic, paraffinic, and naphthenic oils. It should be added to the oil as it is being transferred from 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 or continuously to the suction side of the transfer pump.

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

COATINGS: Busan 1071 is used to control fungal growth on coatings. Use levels will vary from 2.0 to 36.0 lb of the formulation. The exact level will depend on the severity of contamination as well as the nature of the other components of the formulation. **REVERSE OSMOSIS SYSTEMS:** Busan 1071 may be used to control fouling in reverse osmosis systems used for process water, waste water, and other non-potable applications. It is added to the membrane feedwater at a rate of 1 to 20 ppm (0.12 to 2.4 fl oz/1000 gal). The product should be added at a time period of 1 to 3 hours, 3-7 days each week depending on the severity of the problem. For off-line applications, Busan 1071 should be added to provide a level of 20 to 200 ppm (2.4 to 24 fl oz/1000 gal) in the soak solution.

HMIS/NPCA RATING

Health 3 Flammability 2 Reactivity 1

Product Weight: 8.6 lbs
NET CONTENTS MARKED

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