

US ENVIRONMENTAL PROTECTION AGENCY OFFICE OF PESTICIDES PROGRAMS REGISTRATION DIVISION (75-767) WASHINGTON, DC 20460 NOTICE OF PESTICIDE: <input checked="" type="checkbox"/> REGISTRATION <input type="checkbox"/> REREGISTRATION (Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended)	EPA REGISTRATION NO. 1448-101	DATE OF ISSUANCE AUG 28 1986
	TERM OF ISSUANCE	
	NAME OF PESTICIDE PRODUCT Busan 1072	

NAME AND ADDRESS OF REGISTRANT (Include ZIP code)

Luckman Laboratories, Inc.
 1250 North McLean Boulevard
 Memphis, TN 38106

160 175015
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NOTE: Changes in labeling formula differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above U.S. EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby Registered/Reregistered under the Federal Insecticide, Fungicide, and Rodenticide Act.

A copy of the labeling accepted in connection with this Registration/Reregistration is returned herewith.

Registration is in no way to be construed as an indorsement or approval of this product by this Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is conditionally registered in accordance with FIFRA section 3(c)(7)(A) provided that you:

1. Submit/cite all data required for registration/reregistration of your product under FIFRA section 3(c)(5) when the Agency requires all registrants of similar products to submit such data.

2. Make the labeling changes and provide the information cited below before you release this product for shipment:

- a. Add the phrase "EPA Registration No. 1448-101."
- b.
- c. Under sapstain and mold control, the rates given as kg/100L are not equivalent to those given in terms of pounds/100 gallons. Make the appropriate change.
- d. The Directions for Use in coating are incomplete. The label should more fully indicate the conditions that will determine the dosage to use, particularly since the dosage range is so

ATTACHMENT IS APPLICABLE


SIGNATURE OF APPROVING OFFICIAL	DATE
<i>Harry M. Vandy</i>	8/28/86

broad. Indicate the types of coatings intended, and the associated dosage rates. The label should also indicate how the product should be added and the point in the manufacturing process where the product is to be applied. If this information is contained in a product bulletin, the label should refer to the bulletin for additional information. The bulletin should be submitted for our review.

3. Submit five (5) copies of your final printed labeling before you release the product for shipment. Refer to the A-79 Enclosure for a further description of final printed labeling.

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 constitutes acceptance of these conditions.

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



Henry M. Jacoby
Product Manager (21)
Fungicide-Herbicide Branch
Registration Division (TS-767C)

Enclosures



BUSAN® 1072

INDUSTRIAL
ACTIVE INGREDIENTS:
 Methylene bis(thiocyanate)
 2-(Thiocyanomethylthio)benzothiazole
INERT INGREDIENTS
 EPA #
 This product weighs lb/gal

**KEEP OUT OF REACH OF CHILDREN
 DANGER**

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

PHYSICAL AND CHEMICAL HAZARDS: Do not use or store near heat or open flame.

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 coverage is accomplished. Use 2.8 to 22.0 kg of Busan 1072/100 L water (6 to 48 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, 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 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 soft or surface rot and internal or dry rot. It is applied by spraying or painting a dispersion containing 1.0 to 1.4% Busan 1072 in water onto the clean wood surfaces. The amount applied should provide 1.2 to 1.6 lb Busan 1072 per 1000 ft² of wood surface. Soft or surface rot can also be inhibited by periodic shock doses of Busan 1072 to the recirculating cooling water at the tower basin or cold well. The dosage should provide 2.5 lb of Busan 1072 per 1000 gal of water and the bleedoff should be stopped for 4 to 6 hr after treatment. The shock treatment should be repeated every four months.

COOLING WATER: Busan 1072 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 1.2 to 7.4 fl oz Busan 1072 per 1000 gal water in the system. Subsequent additions of 0.4 to 2.4 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 1072 is incorporated in the drilling fluid at concentrations of 0.1 to 0.5% based on the total wet weight of the fluid.

PETROLEUM SECONDARY RECOVERY: Busan 1072 is used to control bacteria and fungi in oil-field water, polymer, or micellar floods, waterflood systems at dosage rates of 7.8 to 26.0 fl oz of Busan 1072 per 1000 gal continuously or intermittently by means of a metering pump at the free water injection well headers. **Continuous Feed Method:** When system is not controlled per 1000 gal of water continuously until desired degree of control is reached, Busan 1072 per 1000 gal of water continuously, or as needed to maintain control, system is noticeably fouled, or to maintain control, add 7.8 to 26.0 fl oz per day and 1 to 4 times per week, or as needed to maintain control.

CRUDE AND REFINED OILS: Busan 1072 is an oil-soluble preservative that causes the degradation of crude oil and refined fuel oils during storage. It is transferred from the shipping container to the storage tank at the rate of 1.2 to 1.8 lb per 1000 lb of oil. Application should be made batchwise where mixing occurs or continuously.

HIDES AND SKINS: Busan 1072 is used to prevent bacterial degradation of hides and skins. Busan 1072 should be used at a level of 0.6 to 4.0 lb/1000 lb of gross weight. Busan 1072 can be added directly to the raceway during addition of hides. In other applications Busan 1072 should be added as a dispersion in water. A satisfactory dispersion can be prepared by adding the Busan 1072 to the water before agitation.

LEATHER: To prevent mold growth on chrome- or vegetable-tanned leather during operations prior to finishing, Busan 1072 is used at treatment rates of 0.6 to 4.0 lb/1000 lb of leather. Dispersion as described above should be prepared and added to the pickling operation or to the rinse water in a post-tanning refloat.

COATINGS: Busan 1072 is used to control fungal growth on coatings. The dosage is based on the total weight of the formulation. The exact level to use will depend on the nature and amounts of other components of the formulation.

STORAGE & DISPOSAL

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

STORAGE: Do not expose to extreme temperatures. Do not store in areas that should be opened in well-ventilated areas. Leaking or damaged drums for disposal. Spills should be absorbed in sawdust or other absorbent material. Keep container closed when not in use.

PESTICIDE DISPOSAL: Pesticide wastes are acutely hazardous. If you cannot dispose of them, spray mixture, or rinsate is a violation of Federal Law. If they are not disposed of according to label instructions, contact your State Pesticide or Air Quality Control Officer or the nearest EPA Regional Office for advice.

CONTAINER DISPOSAL: Triple rinse (or equivalent). Then puncture and dispose of in a sanitary landfill, by incineration, or by burning. If burned, stay out of smoke.

NPCA Rating				
Health	3	Flammability	2	Reactivity

MANUFACTURED BY
BUCKMAN LABORATORIES
 1256 N. McLEAN BLVD., MEMPHIS, TN 38103
 EPA EST. NO. 1448-TN-1