

2018-0269
2018-09-28

BUSAN® 1030

LIQUID MICROBICIDE

EMULSIFIABLE CONCENTRATE

FOR INDUSTRIAL USE ONLY

READ THE LABEL BEFORE USING

REGISTRATION NO. : 17990
PEST CONTROL PRODUCTS ACT

ACTIVE INGREDIENT:

2-(Thiocyanométhylthio)benzothiazole 30% (par poids)

DANGER



POISON



CORROSIVE TO EYES AND SKIN

POTENTIAL SKIN SENSITIZER

NET CONTENT: 20L, 210L, 1250L, Bulk

ENVIRONMENTAL PRECAUTIONS: TOXIC to aquatic organisms and wildlife. Do not apply directly to any body of water. Do not contaminate water by cleaning of equipment or disposal of wastes. This product is toxic to domestic or farm animals. Treated sawdust, shavings and residues of the treatment process should be disposed of properly and should not come in contact with domestic and farm animals or be used as bedding or litter. Store freshly treated lumber at least 20 meters from bodies of water. Freshly dipped or sprayed lumber should be protected from rain washing. Dip tanks and drip aprons must be roofed, paved and drained to prevent dilution and loss of antispain solution. Treated lumber piles should be as narrow as is practical, properly elevated, well spaced and protected from elements with adequate roofing. Treated logs, poles, posts and timbers are not to be floated in streams, rivers, lakes, oceans and other bodies of water. This product contains a petroleum distillate which is moderately to highly toxic to aquatic organisms. Avoid contamination of aquatic systems during application. Do not contaminate these systems through direct application, disposal of waste or cleaning equipment.

NOTICE TO USER: This pest control product is to be used only in accordance with the directions on the label. It is an offence under the *Pest Control Products Act* to use this product in a way that is inconsistent with the directions on the label.

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USE LIMITATIONS:

1. Treated wood is not to be used for construction of food handling containers, food storage facilities or food growing buildings (e.g. mushroom houses).
2. Not for use in drive-through dip tanks.

Buckman Laboratories of Canada, Ltd.

351 Joseph-Carrier Street
Vaudreuil-Dorion, Quebec J7V 5V5

24-HOURS EMERGENCY TELEPHONE NUMBER:

1-450-424-4404

POST A COPY OF THIS LABEL IN THE WORK AREA

DIRECTIONS FOR USE

DO NOT contaminate irrigation or drinking water supplies or aquatic habitats by cleaning of equipment or disposal of wastes.

This product is TOXIC to aquatic organisms. It is not to be used in circumstances that would cause or allow it to enter lakes, streams, ponds, estuaries, oceans or other waters in contravention of federal or provincial regulatory requirements. The requirements of applicable laws should be determined before using the product.

1) ANTISAPSTAIN TREATMENT:

DILUTE BEFORE USING

For best results lumber should be treated soon after it is sawn. Apply this product as a dispersion in water by spray or dip. The operational target deposition level of TCMTB on the surface of treated wood is 40 micrograms TCMTB / cm². This should be verified periodically using available analytical quality control techniques (contact the manufacturer of TCMTB, Buckman Laboratories for further information). The strength of the working solution will depend on the method and system used to apply the product.

This product can only be applied by spraybox application technology (ie. linear, transverse or carwash sprayboxes) or diptank application technology.

Diptanks and Conventional spray systems:

DILUTE BEFORE USING. Apply this product as a dispersion in water by spray or dip.

Spray systems require special safeguards to isolate the working solution spray. All spray boxes must use flexible isolation brushes, curtains, or other mechanisms to prevent the escape of spray droplets or entrained aerosols from the spray box. The spray box must be maintained under negative atmosphere pressure to prevent entrained aerosols from escaping through the spray box openings. Dip tanks and spray boxes must be properly maintained. If any misting conditions are present in the work environment, it is an indication of a faulty system and workers must notify their supervisors immediately and take measures to remedy the fault.

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Prepare the spray treatment solution by mixing 2 L to 4 L of Busan 1030 Liquid Microbicide per 100 L of water.

Dip tanks should be protected from rain to prevent dilution of the dipping solution.

Logs should be bright and free from infection when converted into lumber. For best results during warm weather, lumber should be treated within 24 hours of being sawn.

Lumber and logs should be totally immersed or sprayed so as to ensure that all surfaces are treated. Prepare the dip treatment solution by mixing 0.67 L to 1.0 L of Busan 1030 Liquid Microbicide per 100 L of water. Vigorously agitate the mixture until the Busan 1030 Liquid Microbicide is completely dispersed. Put about 1/3 of the water to be used in the mixing tank. Add the correct amount of this product and then rinse the container into the tank. Add the balance of water needed and mix thoroughly. On standing unused for a period, remix thoroughly before use. During storage and use this product should be maintained at temperatures above 10 °C.

Lektraspray* (Ultra Low Volume, Electrostatic) Spray Application:

Busan 1030 Liquid Microbicide may be used as supplied without dilution. The amount applied to achieve recommended target deposition of 40 micrograms TCMTB / cm² is controlled by a number of factors including line speed, number of nozzles and fluid delivery rate. In some cases, Busan 1030 Liquid Microbicide should be diluted with water for electrostatic application to achieve target deposition.

Specific recommendations covering the solution strength and the control settings required for the desired deposition of TCMTB under different operating conditions will be provided by Buckman Laboratories.

* Lektraspray is a trademark of New Zealand Forest Research Institute.

NOTE: With normal dip or spray application long term control of decay cannot be achieved. This product is designed to provide blue stain, mould and decay control during lumber storage and in transit. Delayed application and log borne infection can result in internal stain often under a bright surface.

NOTE: For further information on the storage, handling, preparation and disposal of TCMTB refer to “TCMTB Sapstain Control Information Package” available from Buckman Laboratories of Canada, Ltd., 351 Joseph-Carrier Street, Vaudreuil, Quebec, J7V 5V5.

Dip tanks and drip aprons must be roofed, paved and drained to prevent dilution and loss of treatment solution. Store treated lumber on a roofed drip pad until dripping has ceased. Slope lumber on the drip pad to expedite drainage and to ensure that no puddles remain on the surface of the wood. Manage drippage and other related wastes to prevent release in the environment. DO NOT expose treated lumber to rains immediately after treatment. For further information on storage, handling, and disposal of treated wood, contact the manufacturer of this product or the provincial regulatory agency.

2) PULP AND PAPER: This product is used to inhibit the growth of fungi in the pulp and paper manufacturing process as well as the finished product.

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3) WATER TREATMENT: This product is used to control microorganisms in re-circulating cooling and process water systems.

4) OTHER APPLICATIONS: This product is used to inhibit the growth of fungi that cause the degradation of chrome-tanned leather, caulking sealants, vinyl acetate wall-covering adhesives, cutting fluids, paints and wood protective coatings registered under the *Pest Control Products Act*.

PRECAUTIONS

KEEP OUT OF REACH OF CHILDREN. Fatal if inhaled. Harmful or fatal if swallowed. Corrosive to skin and eyes, and may cause severe eye damage or skin irritation. Do not get in eyes, on skin or on clothing. Do not inhale vapors, or spray mist. A potential skin sensitizer. Low concentrations of airborne aerosols are likely to cause respiratory and skin irritation. Wear chemical-resistant coveralls over long-sleeved shirt and long pants, chemical-resistant gloves, goggles or face shield, socks and chemical-resistant footwear when handling the concentrate or during mixing/loading, clean-up, maintenance and repair activities. Use a NIOSH-respirator if the area is not well ventilated or if airborne exposure levels are above the occupational exposure limit(s), as determined by air sampling. Use a NIOSH-respirator during clean-up, maintenance and repair activities when working in/on application equipment or if airborne material (e.g. dust, mist/spray) may be generated when working in the treatment area. When piling freshly treated lumber, handling treated lumber that has not fully dried, or if there is a potential for getting wet by the treating solution during other activities in the sawmill, wear chemical-resistant coveralls or a chemical-resistant apron over long-sleeved shirt and long pants, chemical-resistant gloves, socks and chemical-resistant footwear. Do not wear contact lenses. When working in the dip or spray area, wear long-sleeved shirt, long-pants, chemical-resistant gloves, socks and boots. Wear goggles or face shield if there is a possibility of splashing. Once dry, the treated wood can be handled with cotton or leather gloves. Wash hands and face before eating, drinking, smoking and using the toilet. Change clothes daily. Wash contaminated clothing separately from household laundry. Not for use or storage in or around the home. Clean contaminated equipment thoroughly prior to making welding repairs.

FIRST AID

Take container, label, or product name and Pest Control Product Registration Number with you when seeking medical attention.

If in eyes: Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control centre or doctor for treatment advice.

If on skin or clothing: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.

If inhaled: Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth, if possible. Call a poison control center or doctor for further treatment advice.

If swallowed: Call a poison control centre or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control centre or doctor. Do not give anything by mouth to an unconscious person.

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TOXICOLOGICAL INFORMATION: This product contains petroleum distillates. Vomiting may cause aspiration pneumonia. Probable mucosal damage following ingestion may contraindicate gastric lavage.

STORAGE: Store used product in a well ventilated secure area at temperatures between 10°C and 30°C. Do not freeze. **COMBUSTABLE.** Do not use, pour, spill or store near heat or open flame. To prevent contamination, store this product away from food or feed.

DISPOSAL

Do not reuse this container for any other purpose. This is a recyclable container, and is to be disposed of at a container collection site. Contact your local distributor/dealer or municipality for the location of the nearest collection site. Before taking the container to the collection site:

1. Triple- or pressure-rinse the empty container. Dispose of the rinsings in accordance with provincial requirements.
2. Make the empty, rinsed container unsuitable for further use.

If there is no container collection site in your area, dispose of the container in accordance with provincial requirements.

For information on disposal of unused, unwanted product, or in the case of a spill or spill clean-up contact the manufacturer or the provincial regulatory agency.

IN CASE OF FIRE: Use dry chemicals, foam, waterfog or CO₂. Cool closed container with water. Emits toxic vapors during combustion.