



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

March 28, 2018

Alexander Bernal
Regulatory Specialist
Buckman Laboratories, Inc.
1256 N. McLean Blvd.
Memphis, TN 38108

Subject: Label Amendment – Updating the Precautionary Language
Product Name: Busan 1192
EPA Registration Number: 1448-363
Application Date: 03/23/2018
Decision Number: 539411

Dear Mr. Bernal:

The amended label referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act, as amended, is acceptable. This approval does not affect any conditions that were previously imposed on this registration. You continue to be subject to existing conditions on your registration and any deadlines connected with them.

A stamped copy of your labeling is enclosed for your records. This labeling supersedes all previously accepted labeling. You must submit one copy of the final printed labeling before you release the product for shipment with the new labeling. In accordance with 40 CFR 152.130(c), you may distribute or sell this product under the previously approved labeling for 18 months from the date of this letter. After 18 months, you may only distribute or sell this product if it bears this new revised labeling or subsequently approved labeling. "To distribute or sell" is defined under FIFRA section 2(gg) and its implementing regulation at 40 CFR 152.3.

Should you wish to add/retain a reference to the company's website on your label, then please be aware that the website becomes labeling under the Federal Insecticide Fungicide and Rodenticide Act and is subject to review by the Agency. If the website is false or misleading, the product would be misbranded and unlawful to sell or distribute under FIFRA section 12(a)(1)(E). 40 CFR 156.10(a)(5) list examples of statements EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product's label, claims made on the website may not substantially differ from those claims approved through the registration process. Therefore, should the Agency find or if it is brought to our attention that a website contains false or misleading statements or claims substantially differing from the EPA approved registration, the website will be referred to the EPA's Office of Enforcement and Compliance.

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Your release for shipment of the product constitutes acceptance of these conditions. If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6. If you have any questions, you may contact Aline Heffernan at 703-347-8602 or via email at heffernan.aline@epa.gov.

Sincerely,



Zeno Bain, Product Manager 33
Regulatory Management Branch I
Antimicrobials Division (7510P)
Office of Pesticide Programs

Enclosure

Buckman

BUSAN[®] 1192

ACCEPTED

Mar 28, 2018

Under the Federal Insecticide, Fungicide
and Rodenticide Act as amended, for the
pesticide registered under
EPA Reg. No. 1448-363

| | |
|---|--------|
| ACTIVE INGREDIENT(S) | |
| Chlorothalonil (tetrachloroisophthalonitrile) | 98.0% |
| INERT INGREDIENTS | 2.0% |
| TOTAL | 100.0% |

KEEP OUT OF REACH OF CHILDREN DANGER PELIGRO

| FIRST AID | |
|--|--|
| If in Eyes | <ul style="list-style-type: none">• 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 center or doctor for further treatment advice. |
| If on Skin, Clothes | <ul style="list-style-type: none">• 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 Swallowed | <ul style="list-style-type: none">• Call poison control center 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 the poison control center or doctor.• Do not give anything by mouth to an unconscious person. |
| If Inhaled | <ul style="list-style-type: none">• Move person to fresh air.• If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth if possible.• Call a poison control center or doctor for further treatment advice. |
| HOT LINE NUMBER | |
| Have the product container or label with you when calling a Poison Control Center or doctor or going for treatment. You may also contact CHEMTREC at 1-703-741-5970 for emergency medical treatment information. | |
| NOTE TO PHYSICIAN | |
| Probable mucosal damage may contraindicate the use of gastric lavage. Persons having a temporary allergic reaction respond to treatment with antihistamines or steroid creams and/or systemic steroids. | |

Precautionary Statements

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

DANGER: Corrosive, causes severe eye damage. May be a potential skin sensitizer. Do not get in eyes, on skin or on clothing. Wear goggles or face shield, rubber gloves, long sleeve shirt and long pants when mixing, loading or applying this product. May be fatal if inhaled. Do not breathe dust. Wear a NIOSH-approved particulate filter with any N, R, P filter with NIOSH approval number prefix TC-84A or a NIOSH-approved powered air purifying respirator with an HE filter with NIOSH approval number prefix TC-21C. Harmful if swallowed or absorbed through the skin. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet. Remove and wash contaminated clothing before reuse.

ENVIRONMENTAL HAZARDS: This pesticide is toxic to fish and aquatic organisms. Do not discharge effluent containing this product directly into lakes, streams, ponds, estuaries, oceans or public waters unless this product is specifically identified and addressed in an NPDES permit. Do not discharge effluent containing this product into sewer systems without previously notifying the sewage treatment plant authority. For guidance, contact your State Water Board or Regional Office of the Environmental Protection Agency.

Directions for Use

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.

For Manufacturing Use to Impart Mildew Control on Paint and Stain Films, Adhesives, Caulks and Sealants, and Decay Protection in Wood Composites.

This product is used to protect treated articles from decay, mold or mildew, including paints and stains, adhesives, caulks, grouts, sealants, wood and wood composites. Do not apply this product in a way that will contact workers or other persons. Only protected handlers may be in the area during use.

This product may not be sold as a mildewcidal paint additive designed for direct sale to retail customers, e.g. in a "pillow pack" or other small volume or one-use package.

This product may be added only to paint products that are labeled: A) with product specific instructions for the use of a respirator during application; or B) as follows: 'When applying with a sprayer, wear a NIOSH approved respirator any P, R, or HE filter. (If oil is not present in the paint product or recommended for use as an additive in the paint product, add "N" as an additional filter type.)'

This product must not be used as an in-container preservative.

BUSAN 1192, a micromilled powder, is best dispersed during the pigment grinding operations for paints, stains and coatings. Grinding equipment normally used in the paint industry is recommended.

Latex Emulsion Paints, Stains, and Coatings: Disperse 5 to 10 pounds of BUSAN 1192 per 100 gallons of exterior paint to obtain effective mildew control in the paint film after it is applied. Use the high rate in areas favorable to mildew and mold growth, such as where painted surfaces frequently are warm and moist. BUSAN 1192, when added to stains designed for exterior wood, also protects the wood from surface molds and mildew stains caused by fungi. Use 2.5 to 5 pounds BUSAN 1192 per 100 gallons of interior latex paint. BUSAN 1192 is compatible with zinc oxide in latex paint. BUSAN 1192 can be used with either unmodified or alkyd modified acrylic, or polyvinyl acetate latexes.

Note: If BUSAN 1192 is used to produce post-manufacturing paint additive products, such products must be distributed to and used by only professional personnel engaged in the mixing or blending of paints. Such post-manufacturing paint additive products may not be sold directly to homeowners or non-professional painters. If an in-can preservative is used in combination with BUSAN 1192, its compatibility with BUSAN 1192 should be examined first. **DO NOT** use in paints designed for applications on food-contact surfaces, or on the interior of buildings engaged in food processing or food handling. **DO NOT** use in paints designed to be handled by children.

Solvent-Based Exterior Paints, Stains, and Coatings: BUSAN 1192 protects solvent-based paint and stain films from mold growth on the coated surface. Disperse 5 to 12 pounds of BUSAN 1192 per 100 gallons of paint. Use the high rate in areas favorable to mildew and mold growth, such as where painted surfaces frequently are warm and moist. BUSAN 1192, when added to stains designed for exterior wood, also protects the wood from surface molds and mildew stains caused by fungi. Dispersion is readily accomplished during the pigment grinding operation. Zinc oxide can be used with BUSAN 1192.

Adhesives: BUSAN 1192 may be incorporated into adhesives to protect the applied adhesive films from mold growth and decomposition. Fully disperse 5 to 10 pounds of BUSAN 1192 per 1,000 pounds of adhesive while it is being manufactured. Use the high rate in areas favorable to mildew and mold growth, such as where surfaces frequently are warm and moist. **DO NOT** use in adhesives designed for applications on food-contact surfaces, or on the interior of buildings engaged in food processing or food handling.

Grouts: BUSAN 1192 may be incorporated into tile grouts to protect the finished grout joints from mold growth. Add BUSAN 1192 to dry grout at 0.4% to 1.6% by weight to the dry blending process (0.4 to 1.6 pounds of BUSAN 1192 per 100 pounds of dry grout blend). Adequate controls should be employed to prevent dusting during the handling and use of this product.

Caulks and Sealants: To provide mildew and mold control on caulking or sealing deposits after application, fully disperse 0.5 to 5 pounds of BUSAN 1192 per 1,000 pounds of caulk or sealant products while they are being manufactured. The high rate is recommended for exterior caulks. **DO NOT** use in caulks designed for applications on food-contact surfaces, or on the interior of buildings engaged in food processing or food handling.

Composite Wood Products: To provide decay protection for composite wood products, such as flakeboard or particle board that is to be used for building, sheathing, construction timbers, decking or planking, incorporate BUSAN 1192 into the wood composite material while it is being manufactured. Use 0.5 to 5 pounds of BUSAN 1192 per cubic foot volume of final wood composite. The high loading rate should be used in composite wood products that are intended to be installed in contact with soil or concrete, or where the wood is intended to be exposed to conditions with continuously high levels of moisture. Thoroughly incorporate BUSAN 1192 into composite material as it is being ground, mixed or blended with adhesives or binding materials prior to final formation of the wood matrix.

Storage and Disposal

Do not contaminate water, food, or feed by storage or disposal. Open dumping is prohibited.

STORAGE: Store in a dry place.

PESTICIDE DISPOSAL: Pesticide wastes are toxic. Improper disposal of excess pesticide, pesticide formulation, 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:

For all nonrefillable containers:

Nonrefillable container. Do not reuse or refill this container. Offer for recycling, if available. Triple rinse container (or equivalent) promptly after emptying.

Solid residue removal statement for containers with capacity of 50 lbs or less:

Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container ¼ full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for the later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times.

Solid residue removal statement for containers with capacity of >50 lbs:

Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container ¼ full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times.

For all nonrefillable containers:

Then offer for recycling if available or reconditioning, if appropriate, or puncture and dispose of in a sanitary landfill, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

For refillable containers:

Refillable container. Refill this container with pesticide only. Do not reuse this container for any other purpose. Cleaning the container before final disposal is the responsibility of the person disposing of the container. Cleaning before refilling is the responsibility of the refiller.

For containers larger than 55 gallons:

To clean the container prior to refilling or disposal, use a pressure wash as follows: Empty the remaining contents into application equipment or a mix tank. Use a pressure wash system that rinses all interior sides with water and that is rated at >40 psi and >120°F. Pressure wash the container for a length of time that ensures that a minimum 25% of the container volume of water is used. During the pressure wash, ensure that the container valve is left open for continuous draining. Collect the rinsate and empty into application equipment or a mix tank or store rinsate for later use or disposal. Allow container to drain for 10 minutes after pressure wash is completed.

For containers 55 gallons and smaller:

To clean the container prior to refilling or disposal, use a triple rinse wash as follows: Empty the remaining contents from this container into application equipment or a mix tank. Fill the container about 10 percent full with water. Agitate vigorously. Pour or pump rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this rinsing procedure two more times.

Do not discharge rinsate containing this product 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 rinsate containing this product to sewer systems without prior approval from the local sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA.

Manufactured by: **Buckman Laboratories, Inc.**
1256 North McLean Blvd., Memphis, TN 38108, USA
(901) 278-0330 or 1-800-282-5626

EPA Est. No. 1448-TN-1
EPA Reg. No. 1448-363
Product Weight 14.99 lbs/gal

Net contents marked on container

HMIS/NPCA Ratings
Health **2** Flammability **0** Reactivity **0**

Last Revision
3/8/2018