



OFFICE OF CHEMICAL SAFETY AND POLLUTION PREVENTION

WASHINGTON, D.C. 20460

July 16, 2025

Luanne Jeram
Head of Regulatory Affairs
Lanxess
luanne.jeram@lanxess.com

Subject: Label Amendment – Dodine/DGH Voluntary Deletion of Use, Lowering Rates
Product Name: Veriguard Plus
EPA Registration Number: 39967-116
Application Date: Jan 5, 2023
Action Case Number: 00423642

Dear Luanne Jeram:

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 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 and must be used at your next label printing. 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 12 months from the date of this letter. After 12 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 Assurance.

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 about this letter, please contact Stephen Savage via email at savage.stephen@epa.gov.

Sincerely,

A handwritten signature in blue ink, appearing to read 'J. Gayoso', is centered below the 'Sincerely,' text.

Jose Gayoso, Senior Regulatory Advisor
Reevaluation Branch
Antimicrobials Division (7510P)
Office of Pesticide Programs

ENCLOSURE: Stamped label

Veriguard® Plus

FOR THE CONTROL OF ALGAE, BACTERIA, FUNGI,
AND MOLLUSKS IN A WIDE RANGE OF
COMMERCIAL AND INDUSTRIAL PROCESSES AND
MATERIAL PRESERVATIONS

Active Ingredient:

Dodecylguanidine hydrochloride.....	30.0%
Ortho Phenyl Phenol.....	10.0%
Inert Ingredients.....	60.0%
TOTAL.....	100.0%

DANGER

KEEP OUT OF REACH OF

CHILDREN

ACCEPTED

EPA Reg. No. 39967-116

EPA Est. No.

NET WEIGHT:

LOT NO.:

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

39967-116

LANXESS

Energizing Chemistry

LANXESS Corporation
111 RIDC Park West Drive
Pittsburgh, PA 15275-1112

6/27/25

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

DANGER. Corrosive. Causes irreversible eye damage. Causes skin burns. May be fatal if inhaled. Harmful if swallowed or absorbed through the skin. Do not get in eyes, on skin, or on clothing. Do not breathe vapor or spray mist. All applicators/handlers must wear: coveralls worn over long-sleeved shirt and long pants, socks and shoes, chemical resistant gloves (such as or made out of barrier laminate, butyl, nitrile, neoprene), protective eyewear (goggles, face shield or safety glasses), and a respirator with an organic-vapor removing cartridge with a prefilter approved for pesticides (MSHA/NIOSH approval number prefix TC-23), or a canister approved for pesticides (MSHA/NIOSH approval number prefix TC-14G), or a NIOSH approved respirator with an organic vapor (OV) cartridge or canister with any N, R, P or HE prefilter. When mixing, loading and cleaning equipment wear a chemical resistant apron. For overhead exposure wear chemical resistant head gear.

Follow manufacture's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry. Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them.

User Safety Recommendations

User should wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet. User should remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. Users should remove PPE immediately after handling this product. As soon as possible, wash thoroughly and change into clean clothing.

FIRST AID

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 center 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 by mouth-to-mouth, if possible. Call a poison control center or doctor for further treatment advice.

IF SWALLOWED: Call a poison control center or doctor 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.

NOTE to Physician: Probable mucosal damage may contraindicate the use of gastric lavage. This product is corrosive to the eyes and skin.

Treat symptomatically.

Have the product container or label with you when calling a poison control center or doctor.

ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish, aquatic invertebrates, shrimp and oysters. 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.

Treated lumber must be stored under cover, indoors, or at least 100 feet from any pond, lake, stream, wetland, or river to prevent possible runoff of the product into the waterway. Treated lumber stored within 100 feet of a pond, lake, stream, or river must be either covered with plastic or surrounded by a berm to prevent surface water runoff into the nearby waterway. If a berm or curb is used around the site, it should consist of impermeable material (clay, asphalt, concrete) and be of sufficient height to prevent runoff during heavy rainfall events.

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal. Do not use or store near heat or open flame. 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 the label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste Representative at the nearest EPA regional office for guidance.

Nonrefillable Container. Do not refill or reuse container.

Offer for recycling if available. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty remaining contents into application equipment or mix tank and drain for 10 seconds after the flow begins to drip. 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. Empty the rinsate into the application equipment or mix tank or store rinsate for later use or disposal. Repeat this procedure two more times.

IN CASE OF CHEMICAL EMERGENCY CALL CHEMTREC (800) 424-9300

The LANXESS Pittsburgh Emergency
Response Telephone Number is:
1-800-410-3063



Energizing Chemistry

Product Information

Veriguard[®] Plus

EPA Registration Number 39967-116

Veriguard® Plus

FOR THE CONTROL OF ALGAE, BACTERIA, FUNGI, AND MOLLUSKS IN A WIDE RANGE OF
COMMERCIAL AND INDUSTRIAL PROCESSES AND MATERIAL PRESERVATIONS

DIRECTIONS FOR USE

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

Veriguard® Plus is approved by the FDA (21 CFR 176.170 and 176.300) for use in the manufacturing of paper and paperboard that contacts food and for slimicides. Other than the two uses for pulp and paper mill systems, and food packaging, do not use for any material preservation applications involving direct or indirect food or drinking water contact.

INDUSTRIAL PROCESSES AND WATER SYSTEMS

AIR WASHING SYSTEMS:

For use only in Industrial Air Washer Systems that maintain effective mist eliminating components. Badly fouled systems must be cleaned before treatment is begun. **SLUG OR INTERMITTENT METHOD: Initial dose:** When system is noticeably fouled, apply 6.6 to 13.2 oz./1000 gal (50 – 100 ppm). Repeat until control is achieved. **Subsequent dose:** When control is evident, apply 3.3 to 6.6 oz./1000 gal (25 – 50 ppm) every three days or as needed. **CONTINUOUS METHOD: Initial dose:** When system is noticeably fouled, apply 6.6 oz./1000 gal (25 – 50 ppm) per day. **Subsequent dose:** Maintain initial rate by continuously feeding 3.3 to 6.6 oz./1000 gal (25 – 50 ppm) per day.

INDUSTRIAL RECIRCULATING WATER COOLING TOWERS:

For use only in Auxiliary and Standby Commercial and Industrial Systems that maintain effective mist eliminating components, Brewery Pasteurizer Water, and Industrial Recirculating Water Cooling Towers. Badly fouled systems must be cleaned before treatment is begun. **SLUG OR INTERMITTENT METHOD: Initial dose:** When system is noticeably fouled, apply 6.6 to 13.2 oz./1000 gal (50 – 100 ppm). Repeat until control is achieved. **Subsequent dose:** When control is evident, apply 3.3 to 6.6 oz./1000 gal (25 – 50 ppm) every three days or as needed. **CONTINUOUS METHOD: Initial dose:** When system is noticeably fouled, apply 6.6 oz./1000 gal (25 – 50 ppm) per day. **Subsequent dose:** Maintain initial rate by continuously feeding 3.3 to 6.6 oz./1000 gal (25 – 50 ppm) per day.

OIL FIELD WATER SYSTEMS:

Badly fouled systems must be cleaned before treatment is begun. Addition may be made at the free water knockouts before or after the injection pumps and injection well headers. **SLUG OR INTERMITTENT METHOD: Initial dose:** When system is noticeably fouled, apply 6.6 to 13.2 oz./1000 gal (50 – 100 ppm). Repeat until control is achieved. **Subsequent dose:** When control is evident, apply 3.3 to 6.6 oz./1000 gal (25 – 50 ppm) every three days or as needed. **CONTINUOUS METHOD: Initial dose:** When system is noticeably fouled, apply 6.6 oz./1000 gal (25 – 50 ppm) per day. **Subsequent dose:** Maintain initial rate by continuously feeding 3.3 to 6.6 oz./1000 gal (25 – 50 ppm) per day.

OIL PROCESS WATERS:

For use in oil and gas well injection and formation waters. **Veriguard® Plus** should be injected as a slug dose at any convenient point at 250 to 1000 ppm (2 to 8 pt /1000 gallons). A slug dose should be applied from once per week to once per month depending on the severity of contamination.

OIL AND GAS FLUIDS:

For use in both terrestrial and offshore drilling muds and packer fluids, for the control of contamination and degradation of a wide range of gels and fluids including fracturing, enhanced oil recovery, injection, well squeezing, drilling, workover and completion fluids. Add **Veriguard® Plus** at 500 to 1000 ppm (4 to 8 pt/1000 gallons or 0.18 to 0.36 pt per barrel). For well squeezed fluids, add **Veriguard® Plus** at 250 to 2000 ppm (2 to 16 pt/1000 gallons).

MATERIAL PRESERVATION

Other than food packaging, do not use for any material preservation applications involving direct or indirect food or drinking water contact.

ADHESIVE SYSTEMS (NON-PAPER):

Veriguard® Plus is used in the preservation of non-food contact paper related aqueous systems. The exact amount of the preservative in any given formulation will depend on the components, storage time, temperature, etc., and can be determined by the actual testing based on formula weight.

Dosage Rate per 10,000 pounds of material to be preserved:

Automobile adhesives tapes.....	2.50 – 50.0 lbs (250 – 5000 ppm)
Glues.....	2.50 – 50.0 lbs (250 – 5000 ppm)
Non-food packaging adhesives.....	2.50 – 50.0 lbs (250 – 5000 ppm)
Wallpaper.....	2.50 – 50.0 lbs (250 – 5000 ppm)
Wood glues.....	2.50 – 50.0 lbs (250 – 5000 ppm)

CAULKS AND SEALANTS:

Veriguard® Plus can also be used to protect cured caulking and sealant films from mold and mildew formation, which can adversely impact the service life of such products. **Veriguard® Plus** can be fed at concentrations of 250 to 5000 ppm (0.025% - 0.5%) based on the total weight of the formulation. The exact amount of the preservative in any given formulation will depend on the components, storage time, temperature, etc., and can be determined by actual testing of a formulation.

LEATHER:

Veriguard® Plus may be added directly to the pickle solutions. In the case of chrome leather, an effective protection against mold attack may be obtained without additional labor by stirring **Veriguard® Plus** directly into the basifying solution, since **Veriguard® Plus** dissolves freely in the alkaline solution.

Finished vegetable-tanned leathers and chrome leathers may also be protected against mold attack by a treatment on both sides of the material with a 0.35% - 0.69% solution of **Veriguard® Plus**.

Dose Ranges:

Chrome leather (calculated on pelt weight).....	0.90 – 2.20%
Leather pasting adhesives.....	0.40 – 0.90%
Leather pigment finishes.....	1.70 – 3.50%
Pickle solutions and pickled hides.....	1.30 – 2.20%

PASTES:

Veriguard® Plus is used in the preservation of non-food contact paper related aqueous systems.

Laboratory testing shows **Veriguard® Plus** to be effective in the range of 2.50 – 10.0 lbs (250 to 5000 ppm). The exact amount of the preservative in any given formulation will depend on the components, storage time, temperature, etc., and can be determined by the actual testing based on formula weight.

Dosage Rate per 10,000 pounds of material to be preserved:

Wallpaper.....	2.50 – 50.0 lbs (250 – 5000 ppm)
Wood glue.....	2.50 – 50.0 lbs (250 – 5000 ppm)
Non-food packaging adhesives.....	2.50 – 50.0 lbs (250 – 5000 ppm)

PIGMENTS, DYES, AND FILLER SUSPENSION:

Veriguard® Plus is used in the preservation of non-food contact paper related aqueous systems.

Laboratory testing shows **Veriguard® Plus** to be effective in the range of 2.50 – 10.0 lbs (250 to 5000 ppm). The exact amount of the preservative in any given formulation will depend on the components, storage time, temperature, etc., and can be determined by the actual testing based on formula weight.

Dosage Rate per 10,000 pounds of material to be preserved:

Pigment slurries (paint dyes for non-clothing such as industrial fibers)...	2.50 – 50.0 lbs (250 – 5000 ppm)
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POLYMER DISPERSION AND EMULSIONS:

Veriguard® Plus is used in the preservation of non-food contact paper related aqueous systems.

Laboratory testing shows **Veriguard® Plus** to be effective in the range of 2.50 – 10.0 lbs (250 to 5000 ppm). The exact amount of the preservative in any given formulation will depend on the components, storage time, temperature, etc., and can be determined by the actual testing based on formula weight.

Dosage Rate per 10,000 pounds of material to be preserved:

Contact polymer systems.....	2.50 – 50.0 lbs (250 – 5000 ppm)
Latex emulsions systems.....	2.50 – 50.0 lbs (250 – 5000 ppm)

PULP AND PAPER MILL PROCESSING CHEMICALS, ADHESIVES, AND COATINGS:

Add **Veriguard® Plus** directly to the material to be preserved prior to manufacturing into the finished product, (i.e., pulp, broke, polymers, defoamers, alum, emulsions, adhesives, papermill coatings, pigment slurries, and paper products). The dosage rate will depend upon the material to be preserved and the storage time. The usual addition should be 0.10 – 0.30 lbs/10,000 pounds (10 – 30 ppm). Under extreme conditions of spoilage, the dosage rate should be increased to 0.11 – 0.66 lbs/10,000 pounds (12.5 – 80 ppm). The dosage rates are based on a maximum storage time of 2 weeks. For storage time greater than 2 weeks, the maximum concentration should be increased to 0.40 – 0.83 lbs/10,000 pounds (50 – 100 ppm). Do not use for adhesives or coatings that involve direct or indirect food or human drinking water contact application.

Dosage Rate per 10,000 pounds of material to be preserved:

Adhesives.....	0.10 – 0.30 lbs (10 – 30 ppm)
Alum.....	0.10 – 0.30 lbs (10 – 30 ppm)
Broke.....	0.10 – 0.30 lbs (10 – 30 ppm)
Defoamers.....	0.10 – 0.30 lbs (10 – 30 ppm)
Emulsions.....	0.10 – 0.30 lbs (10 – 30 ppm)
Paper products.....	0.10 – 0.30 lbs (10 – 30 ppm)
Papermill coatings.....	0.10 – 0.30 lbs (10 – 30 ppm)
Pigment slurries.....	0.10 – 0.30 lbs (10 – 30 ppm)
Polymers.....	0.10 – 0.30 lbs (10 – 30 ppm)
Pulp.....	0.10 – 0.30 lbs (10 – 30 ppm)

FOOD PACKAGING:

For paper and paperboard intended for use in contact with food, the rate of application of this product must be adjusted so that the amount of active ingredient (Dodecylguanidine hydrochloride) retained does not exceed 0.045% by weight of the paper or paperboard. This product is effective in controlling microorganisms, such as bacteria, fungi and yeasts, which cause deterioration of paper and paperboard products or articles molded from paper pulp. It may be added to the pulp stock in the beater or applied to the formed sheet by size press or roll coater, or as a uniform spray. If the product is used as a beater additive, the degree of retention of the active ingredient will depend upon the nature of the other additives in the system. Technical service is available from the manufacturer of this product to assist customers in making the proper and most efficient use of the product.

NOTICE: Seller warrants that the product conforms to its chemical description as contained on this label and is reasonably fit for the purposes stated on this label when used in accordance with directions under normal conditions of use. THE WARRANTIES MADE IN THIS PARAGRAPH ARE THE SELLER'S SOLE WARRANTIES WITH RESPECT TO THE PRODUCT AND ARE MADE EXPRESSLY IN LIEU OF AND EXCLUDE ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FOR FITNESS FOR A PARTICULAR PURPOSE AND ALL OTHER EXPRESS OR IMPLIED REPRESENTATIVES AND WARRANTIES.

NOTICE TO BUYER: Buyer assumes all risks of use and handling which are at variance in any way with the directions hereon. There are no quantities which extend beyond the description on this label.

REMARKS

If you need assistance or information, please call your nearest LANXESS representative, or our Pittsburgh office at 800-LANXESS.

**IN CASE OF EMERGENCY, CALL: CHEMTREC 1-800-424-9300
INTERNATIONAL (703)-527-3887**

**HAVE THE PRODUCT CONTAINER OR LABEL WITH YOU WHEN CALLING A POISON
CONTROL CENTER OR DOCTOR OR GOING FOR TREATMENT.**

LANXESS Corporation
111 RIDC Park West Drive
Pittsburgh, PA 15275
412-809-1000

The conditions of your use and application of our products, technical assistance and information (whether verbal, written or by way of production evaluations), including any suggested formulations and recommendations, are beyond our control. Therefore, it is imperative that you test our products, technical assistance and information to determine to your own satisfaction whether they are suitable for your intended uses and applications. This application-specific analysis at least must include testing to determine suitability from a technical as well as health, safety and environmental standpoint. Such testing has not necessarily been done by LANXESS Corporation. All information is given without warranty or guarantee. It is expressly understood and agreed that the customer assumes and hereby expressly releases LANXESS from all liability, in tort, contract or otherwise, incurred in connection with the use of our products, technical assistance and information. Any statement or recommendation not contained herein is unauthorized and shall not bind LANXESS. Nothing herein shall be construed as a recommendation to use any product in conflict with patents covering any material or its use. No license is implied or in fact granted under the claims of any patent.