



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

May 17, 2018

Leesha N. Square
Lonza Inc.
90 Boroline Road
Allendale, NJ 07401

Subject: Label Amendment – Add Oil and Gas Claims Directions for Use as listed on the Reference label Dantogard 2000 Preservative, EPA Reg. No. 6836-322.
Product Name: DANTOGARD™ PRESERVATIVE
EPA Registration Number: 6836-119
Application Date: January 12, 2018
Decision Number: 538106

Dear Ms. Square:

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, please contact Srinivas Gowda by phone at 703-308-6354, or via email at gowda.srinivas@epa.gov.

Sincerely,



Jacqueline Hardy
Product Manager 34
Regulatory Management Branch II
Antimicrobials Division 7510P

Enclosure: Stamped Accepted Label

DANTOGARD™ PRESERVATIVE

**PRESERVING YOUR CONFIDENCE
IN THE NEW MILLENNIUM**

Contents: LIQUID

Active Ingredients:

1,3-Bis (hydroxymethyl)-5,5-dimethylhydantoin	32.0%
Hydroxymethyl-5,5-dimethylhydantoin	7.5%
Inert Ingredients	60.5%
Total	100.0%



KEEP OUT OF REACH OF CHILDREN

CAUTION [PRECAUCIÓN]

EPA Reg. No. 6836-119
EPA Est. # 6836-PA-1
NET WEIGHT (as marked on container)

[DOT Symbols]
[Country of origin (insert country)]
[Manufactured in (insert country)]
[Barcode]

Lonza Inc.
90 Boroline Road
Allendale, NJ 07401

Emergency Contact Number: (_____)

**PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

CAUTION: Harmful if swallowed, inhaled, or absorbed through the skin. Avoid breathing vapors or spray mist. Avoid contact with skin, eyes or clothing. Wear chemical resistant gloves when using this product. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash clothing before reuse.

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.

IF ON SKIN OR CLOTHING: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15 - 20 minutes.

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

Call a poison control center or doctor for treatment advice. Have the product container or label with you when calling a Poison Control Center or doctor or going for treatment.

NOTE TO PHYSICIAN: Probable mucosal damage may contraindicate the use of gastric lavage

ENVIRONMENTAL HAZARDS

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.

*{If the following Spanish statement is used, it must appear directly above DIRECTIONS FOR USE.}
Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle. [If you do not understand the label, find someone to explain it to you in detail.]*

DIRECTIONS FOR USE

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

DANTOGARD preserves and aids in the control of the growth of bacteria and fungi in water based coatings (architectural coatings and water based emulsions), water based stains, sealants, adhesives, caulks, joint cements, resin emulsions, inks, textile processing chemicals (lubricants, sizing and coating compounds), liquid detergents, fabric softeners, soft soaps, household cleaners, room deodorizers and air fresheners, water based surfactants, polymer emulsions, protective or decorative coatings, water based gels for household and industrial products, textiles, water-based adhesives, sealants and caulks, latex for paper coatings, water based inks and water-based paints for industrial and household use.

DANTOGARD must be added to the formulation to be preserved at the rate of 3.4 to 13.8 lbs. per 1000 lbs. or 3,400 to 13,800 ppm based upon the total weight of the formulation to be protected.

If the above articles have been treated with DANTOGARD, do not use them as components in materials used in food packaging and food-holding.

DANTOGARD preserves and controls the growth of bacteria in aqueous dispersions of inorganic minerals (clay-slurries) used in the manufacture of food-contact and non-food contact paper and paperboard. Use DANTOGARD at levels of 1.0 to 6.0 lbs. per ton of aqueous mineral slurry (500 - 3000 ppm).

[ALTERNATE TEXT FOR FIRST SENTENCE OF ABOVE PARAGRAPH:]

DANTOGARD preserves and controls the growth of bacteria and fungi in aqueous dispersions of inorganic mineral slurries such as clay, kaolin clay, calcium carbonate and titanium dioxide used in the manufacture of food contact and non-food contact paper and paperboard for both filler and paper coatings applications.]

DANTOGARD may be used in metalworking fluids to prevent fungal growth at concentrations of 0.08% - 0.50%. Levels of DANTOGARD must be checked periodically since many cutting oils are unstable upon standing. Workers must take precautions to minimize inhalation exposure to metalworking fluid mists. OSHA limits for oil mist: Time Weighted Average (TWA = 5 mg/m³); Short Term Exposure Limit (STEL = 10 mg/m³).

{Not for use in California}

Oil Field and Petrochemical Operations

For oil field and petrochemical operations, use in closed delivery systems only.

DANTOGARD preserves and aids in the control of sulfate reducing bacteria and general aerobic bacteria, including microorganisms, in oil field recovery, processing, distribution and support systems such as water injection, produced lines, storage tanks and pipelines. DANTOGARD is effective for use in controlling microbial growth in fluids used in drilling, completion, workover and stimulation of oil wells. Specific treatment requirements vary among oilfield sites and subsystem components. Oil field fluids and subsystems most commonly requiring microbial contamination control are raw water sources, separators, ballast, storage, and mixing tanks, screens, surface injection equipment, production equipment (including injection and production, piping casting, completion, and valving) and the formation itself. The primary point of treatment will vary among oilfield operations depending on the site problems, water-flood treatment methods and equipment.

Production addition must be made with a metering pump or similar device. This product must be slug fed, continuously fed, or fed on an intermittent basis depending on the degree of system fouling. The frequency, use levels, and duration of doses will vary with the individual systems and must be established through experience.

Water Floods¹

DANTOGARD must be added to a water flood system at a point where uniform mixing will occur.

Initial Treatment:

When the system is noticeably contaminated, add 120 to 7,000 ppm DANTOGARD (0.10 to 5.9 gallons DANTOGARD per 1,000 gallons flood water) When added to a flowing system, slug dose for 4 – 6 hours based on flow rates. Repeat as necessary until control is achieved.

Subsequent Treatment:

Once control has been achieved, add 120 – 7,000 ppm DANTOGARD (0.10 to 5.9 gallons DANTOGARD per 1,000 gallons flood water) to the system weekly, or as needed to maintain control.

Continuous treatment:

DANTOGARD can be dosed continuously at a level of 120 – 2,000 ppm (0.10 to 1.7 gallons DANTOGARD per 1,000 gallons flood water).

Drilling Muds, Packer Fluids, Fracturing Fluids, Completion and Workover Fluids

DANTOGARD must be added to these fluids at a point where uniform mixing will occur. Add 100 – 7,000 ppm DANTOGARD (0.35 to 24.7 gallons DANTOGARD per 100 barrels of fluid) to a freshly prepared fluid depending on severity of contamination.

Well Bore Cleaning Products, Hydraulic Fluids, Drilling Fluid Additives

Add 100 - 5,000 ppm DANTOGARD (0.35 to 17.7 gallons DANTOGARD per 100 barrels of fluid) to the formulation to be preserved.

Hydrotesting¹

Water used to hydrotest pipelines or vessels must contain 120 – 7,000 ppm DANTOGARD (0.10 to 5.9 gallons DANTOGARD per 1,000 gallons flood water) depending on water quality and length of time equipment will be idle.

Gas Storage Wells and Systems¹

Individual injection wells must be treated with 120 – 7,000 ppm DANTOGARD. Injections must be repeated as needed to maintain control. Individual drips must be treated with a sufficient quantity of DANTOGARD to produce a concentration of 120 to 5,000 ppm DANTOGARD when diluted by the water present in the drip. Injections must be repeated as needed to maintain control.

Oil and Gas Production and Transmission Pipelines and Systems

DANTOGARD must be added at a point in the system where uniform mixing will occur. The application must be conducted to ensure maximum distribution of DANTOGARD through the entire internal surface of the pipeline. Injections to the system must be weekly, or as needed to maintain control.

Slug dose:

For a noticeably fouled system, add 120- 10,000 ppm DANTOGARD (0.10 to 8.4 gallons DANTOGARD per 1,000 gallons flood water) for a designated time period based on flow rates. Repeat as necessary until control is achieved.

Subsequent Treatment:

Once control has been achieved, add 120 – 5,000 ppm DANTOGARD (0.10 to 4.2 gallons DANTOGARD per 1,000 gallons flood water) to the system weekly, or as needed to maintain control.

Continuous treatment:

DANTOGARD can be dosed continuously at a level of 120 – 2,500 ppm (0.10 to 2.1 gallons DANTOGARD per 1,000 gallons flood water).

Pipeline Pigging and Scraping Operations

Add DANTOGARD to a slug of water following the scraper. Add DANTOGARD at 120 - 14,000 ppm (0.05 to 4.8 quarts DANTOGARD per 100 gallons water) depending on the length of the pipeline and severity of biofouling.

¹Not for Use in California

{Note to reviewer: For Nonrefillable Containers, not a dilutable product. Chapter 13, Table 6 of the Label Review Manual states that for "All products in containers that could be burned," the registrant has the option to "Remain silent on burning;" therefore, no incineration language is provided for plastic containers.}

STORAGE AND DISPOSAL

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

Pesticide Storage: Open dumping is prohibited. Store in original container in areas inaccessible to children.

Pesticide Disposal:

Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

Container Disposal:

Nonrefillable container. Do not reuse or refill this container. Clean container promptly after emptying.

{Plastic and Metal Containers:} Triple rinse (or equivalent). Then offer for recycling or reconditioning. If not available, puncture and dispose in sanitary landfill.

{Bag in Box Containers:} Completely empty bag into application equipment. Then offer for recycling if available or dispose of in a sanitary landfill, or by incineration, or by other procedures allowed by state and local authorities.

{Note to reviewer: For Plastic or Metal Refillable Containers, not a dilutable product. Chapter 13, Table 6 of the Label Review Manual states that for "All products in containers that could be burned," the registrant has the option to "Remain silent on burning;" therefore, no incineration language is provided for plastic containers.}

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal. Refillable container. Refill this container with pesticide only. Do not reuse this container for any other purpose.

Pesticide Storage:

Open dumping is prohibited. Store in original container in areas inaccessible to children.

Pesticide Disposal:

Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

Container Disposal:

Cleaning the container before refilling is the responsibility of the refiller. Cleaning the container before final disposal is the responsibility of the person disposing of the container. To clean the container before final disposal, empty the remaining contents from this container into application equipment or mix tank. Triple rinse (or equivalent).