UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

August 7, 2017

Keshia Carswell
Senior Regulatory Specialist
Stepan Company
22 Frontage Road
Northfield, IL 60093

Subject: Notification per PRN 98-10 – To update label language
Product Name: BTC 1210 WTQG 12:3
EPA Registration Number: 1839-243
Application Date: June 30, 2017
Decision Number: 531975

Dear Ms. Carswell:

The Agency is in receipt of your Application for Pesticide Notification under Pesticide Registration Notice (PRN) 98-10 for the above referenced product. The Antimicrobials Division (AD) has conducted a review of this request for its applicability under PRN 98-10 and finds that the action requested falls within the scope of PRN 98-10.

The label submitted with the application has been stamped "Notification" and will be placed in our records.

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.

If you have any questions, you may contact Emilia Oiguenblik by phone at 703-347-0199, or via email at Oiguenblik.emilia@epa.gov or Zeno Bain by phone at 703-347-8102, or via email at bain.zeno@epa.gov.

Sincerely,

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

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

DANGER. Corrosive. Causes irreversible eye damage. Causes skin burns. Harmful if swallowed, absorbed through skin or inhaled. Prolonged or frequently repeated skin contact may cause allergic reaction in some individuals. Do not get in eyes, on skin, or on clothing. Avoid breathing (vapor, or spray mist). Wear protective eyewear such as goggles, face shield, or safety glasses. Wear coveralls worn over long-sleeved shirt and long pants, socks and chemical-resistant boots, and waterproof gloves (Barrier Laminate, or Butyl Rubber, or Nitrile Rubber, or Neoprene Rubber, or Natural Rubber, or Polyethylene or Polyvinyl Chloride (PVC), or Viton, selection Category A). 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.

In a chemical emergency, call [insert service or company name] at [insert phone number]. Before using consult material safety data sheet. To request a material safety data sheet, contact [insert contact information].

ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish. 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.

BTC® 1210 WTQG 12:3

Water Treatment Microbiocide for use in controlling microorganisms such as sulfate-reducing bacteria, slime forming bacteria algae and mold and yeast in Oil and Gas systems, and Building and Industrial Cooling Towers Systems

ACTIVE INGREDIENTS

Glutaraldehyde	12.00%
Didecyl dimethyl ammonium chlorides	1.80%
Alkyl (50% C_{14}, 40% C_{12}, 10% C_{16}) dimethyl benzyl ammonium chlorides	1.20%
INERT INGREDIENTS	85.00%
TOTAL	100.00%

KEEP OUT OF REACH OF CHILDREN

DANGER

SEE SIDE PANELS FOR ADDITIONAL PRECAUTIONARY STATEMENTS

FIRST AID

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

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 swallowed: Call a 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 a poison control center or doctor. Do not give anything to an unconscious person.

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.

You may contact [insert phone number] for emergency medical treatment information. For general information on product use, call the National Pesticides Information Center at (800) 858-7378. You may also contact (800) 222-1222, the poison control center, for emergency medical treatment information.

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

EPA REG. NO. 1839-243
EPA EST. NO. 1839-IL-01

STEPAN COMPANY
22 West Frontage Road
Northfield, IL 60093 USA

STORAGE AND DISPOSAL

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

PESTICIDE STORAGE – (**BTC® 1210 WTQG 12:3**)(**Product name)** solutions are corrosive to many commonly used materials of construction such as steel, galvanized iron, aluminum, tin and zinc. These solutions can be stored and handled in baked phenolic-lined steel, polyethylene, stainless steel or reinforced epoxy-plastic equipment. To avoid freezing, locate the storage tank inside or underground, heating and insulation may be required. If heating is needed, exposure to high temperatures should be avoided. For short storage times, (up to about 1 month), temperatures of up to 100°F can be tolerated, but the preferred maximum storage temperature is about 80°F. A stainless steel centrifugal pump is suggested for transfer service.

PESTICIDE DISPOSAL – Pesticide wastes are toxic. 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 label instructions, contact your State Pesticide or your Environmental Control Agency, or the Hazardous Waste Representative at the nearest EPA Regional Office for guidance.

CONTAINER HANDLING: Nonrefillable container. Do not reuse or refill this container. Clean container promptly after emptying. Triple rinse empty container with water. Then offer for recycling or reconditioning. If not available, puncture and dispose in a sanitary landfill.

NOTIFICATION

1839-243

The applicant has certified that no changes, other than those reported to the Agency have been made to the labeling. The Agency acknowledges this notification by letter dated:

08/07/2017

Non-Notif 06/30/17

DIRECTIONS FOR USE

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

WATER TREATMENT MICROBIOCIDE FOR BUILDING AND INDUSTRIAL COOLING TOWERS SYSTEMS

Cooling Towers, Air Washers, and Recirculating Cooling Water Systems

This product should be added to a water treatment system at a point of uniform mixing such as the basin area. Addition may be made intermittently (Slug Dose) or continuously. Badly fouled systems can be shock treated with This product. Under these conditions, blow down should be discontinued for up to 24 hours.

Intermittent (Slug Dose) Method

1. **Initial Dose:** When the system is noticeably fouled, add 335-665 ppm (0.33-0.65 gallons) of product per 1000 gallons of water to the system. Repeat until control is achieved.
2. **Subsequent Dose:** When microbial control is evident, add 130-335 ppm (0.13-0.33 gallons) of product per 1000 gallons of water to the system weekly, or as needed to maintain control. Badly fouled systems must be cleaned before treatment is begun.

Continuous Feed Method

3. **Initial Dose:** When the system is noticeably fouled, add 335-665 ppm (0.33-0.65 gallons) of product per 1000 gallons of water in the system.
4. **Subsequent Dose:** Maintain this treatment level by starting a continuous feed of 64-335 ppm (0.06-0.33 gallons) of product per 1000 gallons of water in the system per day. Badly fouled systems must be cleaned before treatment is begun.

HEAT TRANSFER SYSTEMS (Evaporate Condensers, Hydrostatic Sterilizers and Retorts and Pasteurizers and Warmers).

This product should be used at the same application rates, and in the same manner as described above. It should be added to the system at a point of uniform mixing such as the basin area, sump area, or other reservoir or collecting area from which the treated water will be circulated uniformly throughout the system.

SERVICE WATER AND AUXILIARY SYSTEMS

This product is used at the same application rates, and in the same manner as described above in Cooling Towers, Air Washers, and Recirculating Cooling Water Systems. Add this product to the system at a point that will allow for uniform mixing throughout the system.

INDUSTRIAL WASTEWATER SYSTEMS (Wastewater Systems, Wastewater Sludge, and Wastewater Holding Tanks)

This product is added to a wastewater system or sludge at a convenient point of uniform mixing such as digester. Add 1,720-8,333 ppm (1.69-8.21 gallons) of product per 1,000 gallons of wastewater or sludge.

WATER FLOODS

This product should be added to a water flood system at a point of uniform mixing such as the area of addition of make up water to the holding tank. **Initial Treatment**: When the system is noticeably contaminated, add 355-16,755 ppm product (0.35–16.5 gallons product per 1000 gallons flood water). Repeat until control is achieved. **Subsequent Dose:** When microbial control is evident, add 178-17,750 ppm product (1759-17.5 gallons product per 1000 gallons flood water) weekly, or as needed to maintain control.

WATER TREATMENT MICROBIOCIDE FOR OIL & GAS FIELD SYSTEMS

(FRACTURING FLUIDS) (AND)(OR) (STIMULATION FLUIDS)

This product reduces bacterial contamination and degradation of fracturing fluids and gels used in oil and gas well simulations.) This product should be added to a (fracturing fluid) (and)(or) (stimulation fluid) at a point of uniform mixing such as the area of addition of make up water to the holding tank or directly into well head injection pipeline as the water is being pumped down-hole**. Dosage:** (This product) (Product name) is added at 355-19,500 ppm product (0.35–19.20 gallons product per 1000 gallons depending on microbial fouling present in source water.

DRILLING MUDS

This product should be added to a drilling fluid system at a point of uniform mixing such as a circulating tank. **Initial Treatment:** Add 167-3,740 ppm product (0.64–12.80 gallons product per 100 barrels of fluids) to a freshly prepared drilling fluid depending on the severity of contamination. **Maintenance Dosage:** As the total volume of the system increases due to increased well depths, maintain 167-3,740 ppm product level by adding 0.64 to 12.8gallons of product per 100 barrels of additional fluid, or as needed, depending on the severity of contamination.

COMPLETION AND WORKOVER FLUIDS

This product should be added to fluid at a point of uniform mixing such as a circulation holding tank. Add 167-3,740 ppm product (0.64–12.80 gallons product per 100 barrels of fluid) to freshly prepared fluid depending on the severity of contamination. Circulate the workover fluid system until the fluid returns clean, shut the system down and idle for several hours. Remove all the workover fluid. The well should be ready for productive use.

PACKER FLUIDS

This product should be added to a packer fluid at a point of uniform mixing such as a circulation holding tank. Add 167-4,488 ppm product (0.64–15.36 gallons product per 100 barrels of fluid) to a freshly prepared fluid depending on the severity of contamination. Seal the treated packer fluid in the wall between the casing and production tube.

USE AS HYDROGEN SULFIDE SCAVENGER (NON-BIOCIDAL).

This product may also be used as a hydrogen sulfide scavenger in oil field processing and refining operations. For hydrogen sulfide scavenging application, inject product strength to attain concentrations of up to 500 ppm of active ingredient in target areas on a continuous basis or in slug treatment.

OIL AND GAS PRODUCTION AND TRANSMISSION PIPELINES AND SYSTEMS

This product is added to an oil/gas production or transmission line via direct injection. The application is conducted to ensure maximum distribution of this product throughout the entire internal pipeline surface by adding enough biocide to detect/measure a residual concentration at the back end of the pipeline system. Criteria for success of the treatment will be a reduction in bacterial counts and/or reduced corrosion rates. To facilitate application, it may be desirable to dilute the product with an appropriate solvent immediately before use. The concentration of product in the solvent must not fall below an active concentration range of 500-5,000 ppm product based on volume of water in the pipeline. Injections should be made weekly, or as needed to maintain control.

GAS STORAGE WELLS AND SYSTEMS

Individual injection wells are to be treated with an amount of product to produce a concentration of 1,725-17,250 ppm of this product when diluted by the water present in the formulation. Injection takes place before gas is injected (during the summer). Repeat injections annually, or as needed to maintain control.

Individual drips should be treated with an amount of product to produce a concentration of 685-6,890 ppm of this product when diluted by the water present in the drip. Repeat injections annually, or as needed to maintain control.

PIPELINE PIGGING AND SCRAPING OPERATIONS

Add this product to a slug of water immediately following the scraper. Ideally, this water volume can be kept to a minimum and contained between the scraper and trailing pig. Add 3,40-34,500 ppm (0.34-3.40 gallons) of product to 100 gallons of water depending on the length of the pipeline and the severity of the biofouling.

HYDROTESTING

Water used to hydrotest pipelines or vessels should contain 333-13,333 ppm (0.33-13.13 gallons) of product per 1,000 gallons of water depending on water quality and the length of time the equipment remains idle.

Language in parentheses is optional and either can appear on the in-commerce label.