

1839-227

8/15/2011

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON D.C., 20460

OFFICE OF
PREVENTION, PESTICIDES AND
TOXIC SUBSTANCES

AUG 15 2011

Stepan Company
22 West Frontage Road
Northfield, IL 60093

Attention: Thomas Isaac
Regulatory Manager

Subject: BTC 1210 WTQG
EPA Reg. No. 1839-227
Amendment Application Date: May 31, 2011
EPA Received Date: May 31, 2011

The amendment referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act, as amended, is acceptable. The Agency has no objections to modifications to your use directions. A stamped label is enclosed for your records.

If you have any questions concerning this letter, please contact Demson Fuller at (703) 308-8062.

Sincerely,

A handwritten signature in black ink that reads "M Swindell".

Marshall Swindell
Product Manager (33)
Regulatory Management Branch 1
Antimicrobials Division (7510P)

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS
DANGER. Corrosive. Causes irreversible eye damage and skin burns. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals. Causes asthmatic signs and symptoms in hyper-reactive individuals. Harmful if swallowed, absorbed through the skin or inhaled. Wear goggles, or face shield and rubber gloves and protective clothing when handling. Avoid breathing spray mist. Do not get into eyes, on skin or on clothing. Wash thoroughly with soap and water after handling and before eating, drinking, using tobacco or using the toilet. Remove and wash contaminated clothing before reuse

ENVIRONMENTAL HAZARD

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

Water Treatment Microbiocide for Oil Field Water Floods Systems and Building and Industrial Cooling Towers Systems

ACTIVE INGREDIENTS

Glutaraldehyde	26.70%
Didecyl dimethyl ammonium chlorides	7.97%
Alkyl (50% C ₁₄ , 40% C ₁₂ , 10% C ₁₆) dimethyl benzyl ammonium chlorides	5.31%
INERT INGREDIENTS	60.02%
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 by mouth 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 xxx-xxx-xxxx for emergency medical treatment information.

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

EPA REG. NO. 1839-227
EPA EST. NO. 1839-IL-01

STEPAN COMPANY
22 West Frontage Road
Northfield, IL 60093 USA

NET CONTENTS:

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal.
PESTICIDE STORAGE - BTC® 1210 WTQG 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 DISPOSAL: 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.

DIRECTIONS FOR USE

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

ACCEPTED
with COMMENTS
EPA Letter Dated:

AUG 15 2011

Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, for the pesticides registered under EPA Reg. No. 1839-227

HIGHLIGHTED COPY

Amend 05/31/11

2023

WATER TREATMENT MICROBIOCIDES FOR BUILDING AND INDUSTRIAL COOLING TOWERS SYSTEMS

COOLING TOWERS, AIR WASHERS AND RECIRCULATING COOLING WATER SYSTEMS

BTC® 1210 WTQG 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 BTC® 1210 WTQG. 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 100-200 ppm (0.10-0.20 gallons) of BTC® 1210 WTQG per 1000 gallons of water to the system. Repeat until control is achieved.
2. **Subsequent Dose:** When microbial control is evident, add 40-100 ppm (0.04-0.10 gallons) of BTC® 1210 WTQG 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 100-200 ppm (0.10-0.20 gallons) of BTC® 1210 WTQG per 1000 gallons of water in the system.
4. **Subsequent Dose:** Maintain this treatment level by starting a continuous feed of 20-100 ppm (0.02-0.10 gallons) of BTC® 1210 WTQG 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).

BTC® 1210 WTQG 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.

ACCEPTED
with COMMENTS
EPA Letter Dated:

AUG 15 2011

Under the Federal Insecticide,
Fungicide, and Rodenticide Act as
amended, for the pesticide,
registered under EPA Reg. No. 1839-227

In a chemical emergency, call XXXXXX at XXXXXXXXXXXX; Before using consult material safety data sheet. To request a material safety data sheet, contact XXXXXX XXXXXXXX.

WATER TREATMENT MICROBIOCIDES FOR OIL FIELD WATER FLOODS SYSTEMS

WATER FLOODS

BTC® 1210 WTQG 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 90-180 ppm BTC® 1210 WTQG (0.09-0.18 gallons BTC® 1210 WTQG per 1000 gallons flood water). Repeat until control is achieved. **Subsequent Dose:** When microbial control is evident, add 90-180 ppm BTC® 1210 WTQG (0.09-0.18 gallons BTC® 1210 WTQG per 1000 gallons flood water) weekly, or as needed to maintain control.

(FRACTURING FLUIDS) (STIMULATION FLUIDS)

BTC® 1210 WTQG should be added to a (fracturing fluid) (stimulation fluid) 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 90-180 ppm BTC 1210-WTQG (0.09-0.18 gallons BTC 1210 WTQG per 1000 gallons of (fracturing fluid) (stimulation fluid). Repeat until control is achieved. **Subsequent Dose:** When microbial control is evident, add 90-180 ppm BTC 1210 WTQG (0.09-0.18 gallons BTC 1210 WTQG per 1000 gallons (fracturing fluid) (stimulation fluid) weekly, or as needed to maintain control.

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

DRILLING MUDS

BTC® 1210 WTQG should be added to a drilling fluid system at a point of uniform mixing such as a circulating tank. **Initial Treatment:** Add 50-1000 ppm BTC® 1210 WTQG (0.19-3.8 gallons BTC® 1210 WTQG 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 50-1000 ppm BTC® 1210 WTQG level by adding 0.19 to 3.8 gallons of BTC® 1210 WTQG per 100 barrels of additional fluid, or as needed, depending on the severity of contamination.

COMPLETION AND WORKOVER FLUIDS

BTC® 1210 WTQG should be added to a packer fluid at a point of uniform mixing such as a circulation holding tank. Add 50-1000 ppm BTC® 1210 WTQG (0.19-3.8 gallons BTC® 1210 WTQG 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

BTC® 1210 WTQG should be added to a packer fluid at a point of uniform mixing such as a circulation holding tank. Add 50-600 ppm BTC® 1210 WTQG (0.19-2.3 gallons BTC® 1210 WTQG per 100 barrels of fluid) to a freshly prepared fluid depending on the severity of contamination. Seal the treated packer fluid in the well 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 BTC® 1210 WTQG full strength to attain concentrations of up to 500 ppm of active ingredient in target areas on a continuous basis or in slug treatment.

Amend 05/31/11

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