



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

May 9, 2016

Robert Braun
Product Compliance Advisor
The Lubrizol Corporation
29400 Lakeland Boulevard
Wickliffe, OH 44092-2298

Subject: Notification per PRN 98-10 – To update label language
Product Name: BioClear 1430 Antimicrobial
EPA Registration Number: 52484-5
Application Date: April 28, 2016
Decision Number: 516993

Dear Mr. Braun:

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 please contact Emilia Oiguenblik by phone at (703) 347-0199, or via email at Oiguenblik.emilia@epa.gov or Julie Chao by phone at (703) 308-8735, or via email at Chao.Julie@epa.gov.

Sincerely,

A handwritten signature in black ink, appearing to read "Julie Chao".

Julie Chao, Product Manager 33
Regulatory Management Branch 1
Antimicrobials Division (7510P)
Office of Pesticide Programs

Lubrizol NOTIFICATION

52484-5

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:

BioClear 1430 Antimicrobial

5/9/2016

A microbicide for use in controlling sulfate-reducing bacteria and slime forming bacteria in oil well drilling, oil field processing applications, oil field water systems, oil and gas productions and transmission pipelines and systems, and gas storage fields and equipment: such as steam-injection water holding tanks, flood water, injection water, holding pond water, disposal-well water, water holding tanks, fuel storage tanks and related refinery and oil field closed, industrial recirculating water handling systems.

Active Ingredients:

Glutaraldehyde	14.0%
Alkyl (C14 50%, C12 40%, C16 10%) dimethyl benzyl ammonium chloride	3.0%
Other Ingredients	83.0%
Total	100.0%

**KEEP OUT OF REACH OF CHILDREN
DANGER**

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

DANGER. CORROSIVE. Causes irreversible eye damage and skin burns. May be fatal if swallowed. Harmful if inhaled. Avoid contact with eyes, skin or clothing. Avoid breathing dust, vapor or spray mist. Wear goggles, face shield or safety glasses, long-sleeve shirt, long pants, shoes, socks, chemical-resistant gloves, and chemical-resistant apron. 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. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals. Handle in a well-ventilated area. If vapors are irritating to the nose or eyes, use special ventilation or respiratory protection (MSHA/NIOSH approved air purifying respirator equipped with an organic vapor cartridge).

ENVIRONMENTAL HAZARDS

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

Personal Protective Equipment

Applicators and other handlers must wear: goggles or face shield, long-sleeve shirt, long pants, shoes, socks, chemical-resistant gloves (such as butyl rubber) and chemical resistant apron

User Safety Requirements

Follow manufacturer's instructions for cleaning & maintaining PPE. If no such instructions exist for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

Use Safety Recommendations

Users should wash hands before eating, drinking, chewing gum, or using the toilet. Users must remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. Users must remove PPE immediately after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

Manufactured [by/for]:
The Lubrizol Corporation
29400 Lakeland Boulevard
Wickliffe, Ohio 44092-2298
(440) 943-4200

EPA Reg. No.: 52484-5

EPA Est. No.: 59106-PA-001

Label date: 4/28/2016

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 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 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 mouth-to-mouth if possible.
- Call a Poison Control Center or doctor for treatment advice.

HOT LINE NUMBER

IN CASE OF AN EMERGENCY endangering life or property involving this product, call CHEMTREC at 1-800-424-9300. Have product container or label with you when calling a poison control center or doctor or going for treatment.

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

DIRECTIONS FOR USE

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

WATERFLOODS

BioClear 1430 should be added to a water flood system at a point of uniform mixing. **Initial Treatment:** When the system is noticeably contaminated, add 300 to 15,000 ppm BioClear 1430 to the system (0.3 to 14.5 gallons BioClear 1430 per 1,000 gallons flood water). Repeat until control is achieved. **Subsequent Dose:** When microbial control is evident, add 60 to 15,000 ppm BioClear 1430 (0.06 to 14.5 gallons BioClear 1430 per 1,000 gallons flood water) to the system weekly, or as needed to maintain control.

FRAC FLUIDS (Not registered for this use in the State of California.)

BioClear 1430 reduces bacterial contamination and degradation of fracturing fluids and gels used in oil and gas well stimulations. Add BioClear 1430 to the frac water storage tanks or directly into the well head injection pipeline as the water is being pumped down-hole. Dose Range: BioClear 1430 should be added at a rate of 360 to 17,900 ppm (3.5 -172.5 gallons per 10,000 gallons) depending on the degree of bacterial fouling in the source water.

DRILLING, COMPLETION, AND WORKOVER FLUIDS

BioClear 1430 should be added to a drilling fluid system at a point of uniform mixing such as the circulating mud tank. **Initial Treatment:** Add 150 to 3,000 ppm BioClear 1430 (0.6 to 12.2 gallons BIO-CLEAR 1430 per 100 barrels of fluid) to a freshly prepared fluid depending on the severity of contamination. **Maintenance Dose:** Maintain a concentration of 150 to 3,000 ppm BioClear 1430 by adding 0.6 to 12.2 gallons of BioClear 1430 per 100 barrels of additional fluid, or as needed, depending on the severity of contamination.

PACKER FLUIDS

BioClear 1430 should be added to a packer fluid at a point of uniform mixing such as a circulating holding tank. Add 150 to 1,800 ppm BioClear 1430 (0.6 to 7.3 gallons BIO-CLEAR 1430 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.

OIL PRODUCTION AND TRANSMISSION PIPELINE SYSTEMS.

BioClear 1430 should be added to an oil production or transmission line via direct injection. The application should be conducted to ensure maximum distribution of BioClear 1430 throughout the entire internal pipeline surface by adding a sufficient amount of 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 BioClear 1430 with an appropriate solvent immediately before use. The concentration in the solvent should not fall below an active concentration range of 500 to 5,000 ppm based on the volume of water in the pipeline. Injections to the system should be weekly, or as needed to maintain control.

GAS PRODUCTION AND TRANSMISSION PIPELINE SYSTEMS

BioClear 1430 should be added to a gas production or transmission line via direct injection. The application should be conducted to ensure maximum distribution of BioClear 1430 throughout the entire internal pipeline surface by adding a sufficient amount of 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 BioClear 1430 with an appropriate solvent immediately before use. The concentration in the solvent should not fall below an active concentration range of 500 to 5,000 ppm based on the volume of water in the pipeline. Injections to the system should be weekly, or as needed to maintain control.

GAS STORAGE WELLS AND SYSTEMS

Individual injection wells should be treated with sufficient quantity of BioClear 1430 to produce a concentration of 1,500 to 15,000 ppm BioClear 1430 when diluted by the water present in the formation. Injection should take place before gas is injected (during the summer). Injections should be repeated yearly, or as needed to maintain control. Individual drips should be treated with a sufficient quantity of BioClear 1430 to produce a concentration of 600 to 6,000 ppm BioClear 1430 when diluted by the water present in the drip. Injections should be repeated yearly, or as needed to maintain control.

HYDROTESTING

Water used to hydrotest pipelines or vessels should contain 300 to 12,000 ppm BioClear 1430 (0.3 to 11.8 gallons BioClear 1430 per 1,000 gallons water), depending on water quality and length of time the equipment will remain idle.

PIPELINE PIGGING AND SCRAPING OPERATIONS

Add BioClear 1430 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 a trailing pig). Sufficient BioClear 1430 should be added to produce a concentration of 0.3 to 3% (0.29 to 2.9 gallons BioClear 1430 per 100 gallons water), depending on the length of the pipeline and the severity of biofouling.

STORAGE AND DISPOSAL:

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

Storage:

BioClear 1430 Antimicrobial is incompatible with many commonly used materials of construction such as steel, galvanized iron, aluminum, tin, and zinc. BioClear 1430 Antimicrobial can be stored and handled in baked phenolic-lined steel, polyethylene, stainless steel, or reinforced epoxy-plastic equipment. This product freezes at about 27 °F (-3 °C). Therefore, unless the storage tank is 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 (37.8 °C) can be tolerated but the preferred maximum storage temperature is about 80 °F (26.7 °C). A stainless steel centrifugal pump is suggested for transfer service. Spiral-wound stainless steel with TEFLON ® Polymer is suitable for gaskets and packing.

Pesticide Disposal:

Open dumping is prohibited. 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 Environmental Control Agency, or the Hazardous Waste Representative at the nearest EPA Regional Office for guidance.

Container Handling

Non-refillable container: Do not reuse or refill this container. Triple rinse or pressure rinse container (or equivalent) promptly after emptying. Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by State and local authorities.

Refillable Container: Refill this container with pesticide only. Do not reuse this container for any other purpose. Cleaning of the container is the responsibility of the person disposing of the container. Cleaning the container before refilling is the responsibility of the person refilling the container. To clean the container before final disposal, empty contents into application equipment and triple rinse. Pour or pump rinsate into application equipment or rinsate collection system. Then offer for recycling if available or puncture and dispose of in a sanitary landfill, or by other procedures approved by State and local authorities.

Notice: Seller warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated on the label when used in strict accordance with the directions. SELLER MAKES NO OTHER EXPRESS OR IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR ANY OTHER EXPRESS OR IMPLIED WARRANTY.

NET CONTENTS: ____ gallons
NET WEIGHT: __Lbs. ____ KGs.

LOT NO: _____