



U.S. ENVIRONMENTAL PROTECTION AGENCY
 Office of Pesticide Programs
 Antimicrobials Division (7510P)
 1200 Pennsylvania Ave., N.W.
 Washington, D.C. 20460

EPA Reg. Number:

71173-4

Date of Issuance:

11/21/19

NOTICE OF PESTICIDE:

Registration
 Reregistration
 (under FIFRA, as amended)

Term of Issuance:

Conditional

Name of Pesticide Product:

MC B-8632A

Name and Address of Registrant (include ZIP Code):

Multi-Chem Group, LLC
 3000 N. Sam Houston Parkway East
 Houston, TX 77032

Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Antimicrobials Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered under the Federal Insecticide, Fungicide and Rodenticide Act.

Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is conditionally registered in accordance with FIFRA section 3(c)(7)(A). You must comply with the following conditions:

1. Submit and/or cite all data required for registration/reregistration/registration review of your product under FIFRA when the Agency requires all registrants of similar products to submit such data.

Signature of Approving Official:

Kathryn Montague, Acting Product Manager 33
 Regulatory Management Branch I, Antimicrobials Division
 (7510P)

Date:

11/21/19

2. You are required to comply with the data requirements described in the DCI identified below:
 - a. Glutaraldehyde GDCI-043901-1668
 - b. Didecyl dimethyl ammonium chloride GDCI-069149-30869

You must comply with all of the data requirements within the established deadlines. If you have questions about the Generic DCI listed above, you may contact the Reevaluation Team Leader (Team 36): <http://www2.epa.gov/pesticide-contacts/contacts-office-pesticide-programs-antimicrobial-division>

3. Be aware that proposed data requirements have been identified in a Work Plan or proposed DCI. For more information on these proposed data requirements, you may contact the Reevaluation Team Leader (Team 36): <http://www2.epa.gov/pesticide-contacts/contacts-office-pesticide-programs-antimicrobial-division>
4. Make the following label changes before you release the product for shipment:
 - Revise the EPA Registration Number to read, “EPA Reg. No. 71173-4.”
5. Submit one copy of the final printed label for the record before you release the product for shipment.

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 fail to satisfy these data requirements, EPA will consider appropriate regulatory action including, among other things, cancellation under FIFRA section 6(e). Your release for shipment of the product constitutes acceptance of these conditions. A stamped copy of the label is enclosed for your records. Please also note that the record for this product currently contains the following CSFs:

- Basic CSF dated 10/28/2019

If you have any questions, you may contact Aline Heffernan at 703-347-8602 or via email at Heffernan.Aline@epa.gov.

Enclosure: Stamped Label

MC B-8632A

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 trans-mission 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. Effective for use in controlling bacteria including slime forming bacteria and sulfate- reducing bacteria (SRB) and fungi (yeast and molds) and algae in air washers and industrial scrubbing systems, recirculating cooling and process water systems including those that contain reverse osmosis membranes and in service water and auxiliary systems and heat transfer systems and in wastewater systems including wastewater sludge and holding tanks, and in paper mills and paper mill process water systems and water based coatings for paper and paperboard.

KEEP OUT OF REACH OF CHILDREN DANGER - PELIGRO

See front panel for additional precautionary statements and first aid statements.

(DANGER: IF YOU ARE UNABLE TO READ IN ENGLISH, ASK YOUR RELEVANT USER ABOUT THE APPROPRIATE INSTRUCTIONS FOR USE BEFORE WORKING WITH THIS PRODUCT.)

PELIGRO: SI NO PUEDE LEER EN INGLES, PREGUNTE A SU SUPERVISOR SOBRE LAS INSTRUCCIONES DE USO APROPIADAS ANTES DE TRABAJAR CON ESTE PRODUCTO.

Precautionary Statements

Hazards to Humans and Domestic Animals

DANGER. Corrosive. Causes irreversible eye damage and skin burns. May be fatal if swallowed or inhaled. Harmful is absorbed through the skin. Do not breathe vapors or spray mist. Do not get into eyes, on skin or on clothing. Wear goggles, long-sleeve shirt, long pants, shoes, socks, chemical-resistant (e.g. butyl or nitrile) gloves, and chemical resistant apron. Wear a minimum of a NIOSH-approved elastomeric half mask respirator with organic vapor (OV) cartridges and combination R or P filters; OR a NIOSH-approved gas mask with OV canisters; or a NIOSH-approved powered air-purifying respirator with OV cartridges and combination HE filters. 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 MC B-8632A 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 MC B-8632A into sewer systems without previously notifying the local sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA.

Physical or Chemical Hazards

Do not use or store near heat or open flame. Do not mix with oxidizers, anionic soaps and detergents.

ACTIVE INGREDIENTS:	
Glutaraldehyde.....	24.0%
Didecyl dimethyl ammonium chloride.....	6.0%
INERT INGREDIENTS:.....70.0%	
TOTAL:.....100.0%	

FIRST AID	
If in Eyes:	Hold eye open and rinse slowly and gently with water 30 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eyes. Call a poison control center or a doctor immediately 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 by a poison control center or doctor.
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 a doctor for treatment.
If Inhaled:	Move person to fresh air. If person is not breathing, call 911 or an ambulance, and then give artificial respiration, preferably mouth-to-mouth if possible. Call a poison control center or a doctor for further treatment.
Note to Physician: Probable mucosal damage may contraindicate the use of gastric lavage. Measures against circulatory shock, respiration, depression, and convulsion may be needed.	
Have the MSDS and the product container or label with you when calling a poison control center or a doctor, or going for treatment.	
IN CASE OF AN EMERGENCY endangering life or property involving this product, call Emergency Contact Number (24 Hours Per Day): 1-866-519-4752 or 1-760-476-3962 Global Incident Response Access Code: 334305 Contract Number: 14012	

EPA Reg. No. 71173-N

EPA Est.:

<input type="checkbox"/> 71173-TX-002	<input type="checkbox"/> 71173-TX-004	<input type="checkbox"/> 71173-TX-3	<input type="checkbox"/> 71173-LA-001
<input type="checkbox"/> 71173-TX-006	<input type="checkbox"/> 71173-CO-001	<input type="checkbox"/> 71173-ND-002	<input type="checkbox"/> 71173-PA-001
<input type="checkbox"/> 71173-LA-002	<input type="checkbox"/> 71173-TX-007	<input type="checkbox"/> 71173-WV-001	<input type="checkbox"/> 71173-OK-002
<input type="checkbox"/> 71173-TX-008	<input type="checkbox"/> 71173-TX-009	<input type="checkbox"/> 71173-TX-011	<input type="checkbox"/> 71173-TX-012
<input type="checkbox"/> 71173-CO-002	<input type="checkbox"/> 71173-ND-001	<input type="checkbox"/> 71173-UT-002	<input type="checkbox"/> 71173-PA-002

TRANSPORTATION INFORMATION

UN2924

, Flammable Liquid, Corrosive,

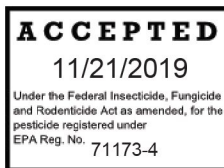
N.O.S., (Contains Isopropanol, Glutaraldehyde) 3 (8), III

Net Contents:	
NET WT:	
LOT NO:	

multi-chem

A HALLIBURTON SERVICE

Multi-Chem Group, LLC 3000 N. Sam Houston Parkway E., Houston, TX 77032 281-871-4000 (Non Emergency Telephone Number)	Emergency Contact Number (24 Hours Per Day) :1-866-519-4752 or 1-760-476-3962 Global Incident Response Access Code: 334305 Contract Number: 14012
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DIRECTIONS FOR USE

It is a violation of Federal Law to use MC B-8632A in a manner inconsistent with its labeling.

SERVICE WATER AND AUXILIARY SYSTEMS

Add 4 - 21 oz. of MC B-8632A per 1,000 gal. of water (10 - 50 ppm active) in the system continuously. This product must be added to the system at a point of uniform mixing by slug or intermittent feed or by spraying onto a waste pile. The frequency of feed or spray and the duration of treatment will depend upon the severity of the contamination. Additions to water systems must be made during the pumping operation and as close to the pump as possible to ensure adequate mixing.

WATER FLOODS

MC B-8632A is added to a water flood system at a point of uniform mixing.

Initial Treatment: When the system is noticeably contaminated, add 50 to 2500 ppm (on an actives basis) of MC B-8632A to the system

(0.13 to 6.54 gallons of MC B-8632A per 1,000 gallons flood water). Repeat until control is achieved.

Subsequent Dose: When microbial control is evident, add 10 to 2500 ppm (on an actives basis) of MC B-8632A (0.03 to 6.54 gallons of MC B-8632A per 1,000 gallons flood water) to the system weekly, or as needed to maintain control.

FRAC FLUIDS

MC B-8632A reduces bacterial contamination and degradation of fracturing fluids and gels used in oil and gas well stimulations. Add MC

B-8632A to the frac water storage tanks or directly into the well head injection pipeline as the water is being pumped down-hole.

Dose Range: MC B-8632A is added at a rate 50 to 2950 ppm on an actives bases (1.31 to 77.23 gallons per 10,000 gallons), depending on the degree of bacterial fouling in the source water.

DRILLING, COMPLETION, AND WORKOVER FLUIDS

MC B-8632A is added to a drilling fluid system at a point of uniform mixing such as the circulating mud tank.

Initial Treatment: Add 25 to 500 ppm (on an actives basis) of MC B-8632A (0.27 to 5.50 gallons of MC B-8632A per 100 barrels of fluid) to a freshly prepared fluid depending on the severity of contamination.

Maintenance Dose: Maintain a concentration of 25 to 500 ppm (on an actives basis) of MC B-8632A by adding 0.27 to 5.50 gallons of MC B-8632 per 100 barrels of additional fluid, or as needed, depending on the severity of contamination.

PACKER FLUIDS

MC B-8632A is added to a packer fluid at a point of uniform mixing such as circulating holding tank. Add 25 to 300 ppm (on an actives basis) of MC B-8632A (0.27 to 3.30 gallons of MC B-8632A per 100 barrels of fluid) to a freshly prepared fluid depending on the severity of contamination. Seal treated packer fluid in the wall between the casing and production tube.

OIL AND GAS PRODUCTION AND TRANSMISSION PIPELINES AND SYSTEMS

MC B-8632A is added to an oil/gas production or transmission line via direct injection. The application is conducted to ensure maximum distribution of MC B-8632A 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 MC B-8632A with an appropriate solvent immediately before use. The concentration in the solvent must 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 are made weekly, or as needed to maintain control.

GAS STORAGE WELLS AND SYSTEMS

Individual injection wells are treated with a sufficient quantity of MC B-8632A to produce a concentration of 1,500 to 15,000 ppm of MC B-8632A when diluted by the water present in the formation. Injection should take place before gas is injected (during the summer).

Injections is repeated yearly, or as needed to maintain control.

Individual drips are treated with a sufficient quantity of MC B-8632A to produce a concentration of 600 to 6000 ppm of MC B-8632A when diluted by the water present in the drip. Injections is repeated yearly or as needed to maintain control.

HYDROTESTING

Water used to hydrotest pipelines or vessels should contain 50 to 2,000 ppm (on an actives basis) of MC B-8632A (0.13 to 5.24 gallons of MC B-8632A per 1,000 gallons water) depending on the water quality and length of time the equipment remains idle.

PIPELINE PIGGING AND SCRAPING OPERATIONS

Add the 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 a trailing pig. Sufficient product is added to produce a concentration of 0.13 to 1.3% (0.13 to 1.3 gallons of MC B-8632A per 100 gallons of 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 and disposal.

PESTICIDE STORAGE: Open dumping is prohibited. Store only in original container. If a leaky container must be contained within another, mark the outer container to identify the contents. Store pesticides away from food, pet food, feed, seed, fertilizers, and veterinary supplies. Keep this product under locked storage sufficient to make it inaccessible to children or persons unfamiliar with its proper use.

PESTICIDE DISPOSAL: 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 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: Refillable container. Triple rinse (or equivalent). Cleaning the container before final disposal is the responsibility of the person disposing of the container. Cleaning before refilling is the responsibility of the refiller. To clean the container before final disposal, empty the remaining contents from this container into application equipment or a mix tank. Empty remaining contents into application equipment or a mix tank. 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. Turn the container over onto its other end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times.