



U.S. ENVIRONMENTAL PROTECTION AGENCY

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

EPA Reg. Number:

94602-66

Date of Issuance:

3/12/25

NOTICE OF PESTICIDE:

☒ Registration  
☐ Reregistration  
(under FIFRA, as amended)

Term of Issuance:

Conditional

Name of Pesticide Product:

GBS 10:40A

Name and Address of Registrant (include ZIP Code):

Christina Swick  
Agent for Gray Beard, LLC  
Lewis & Harrison, LLC  
2461 S. Clark St., Ste. 710  
Arlington, VA 22202  
Electronic Transmittal: [cswick@lewisharrison.com](mailto:cswick@lewisharrison.com)

**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 (FIFRA).

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:

Steven Snyderman, Product Manager 33  
Regulatory Management Branch II  
Antimicrobials Division (7510M)  
Office of Pesticide Programs

Date:

3/12/25

2. You are required to comply with the data requirements described in the DCI Order identified below:

- a. Alkyl (C14-50%,C12-40%,C16-10%) Dimethyl benzyl ammonium chloride (ADBAC):  
GDCI-069105-1679; GDCI-069105-30882
- b. Glutaraldehyde: GDCI-043901-1668

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

3. The data requirements for storage stability and corrosion characteristics (Guidelines 830.6317 and 830.6320) are not satisfied. A one-year study is required to satisfy these data requirements. You have 18 months from the date of registration to provide these data.
4. Make the following label changes before you release the product for shipment:
  - Revise the EPA Registration Number to read, "EPA Reg. No. 94602-66."
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 FIFRA and is subject to review by the Agency. See FIFRA section 2(p)(2). 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) lists 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, FIFRA section 12(a)(1)(B). 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 Assurance.

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, 12/28/2023
- Alternate CSF 1 dated, 12/28/2023
- Alternate CSF 2 dated, 12/28/2023
- Alternate CSF 3 dated, 12/28/2023
- Alternate CSF 4 dated, 12/28/2023

If you have any questions, please contact Srinivas Gowda by phone at 202-565-0078, or via email at [gowda.srinivas@epa.gov](mailto:gowda.srinivas@epa.gov).

Enclosure: Stamped Final Label



1931G Rohlwing Road • Rolling Meadows, IL 60008 • 800-837-0499

# GBS 10:40A

EPA Reg. No. 94602-  
EPA Est. No.

**ACCEPTED**

03/12/2025

Under the Federal Insecticide, Fungicide  
and Rodenticide Act as amended, for the  
pesticide registered under  
EPA Reg. No. 94602-66

(Note to Reviewer: Marketing claims may be used on the front panel.)

## ACTIVE INGREDIENTS:

Glutaraldehyde.....10.0%  
Alkyl (50%C<sub>14</sub>, 40%C<sub>12</sub>, 10%C<sub>16</sub>)  
dimethyl benzyl ammonium chloride.....40.0%

OTHER INGREDIENTS .....50.0%

TOTAL: .....100.0%

**KEEP OUT OF REACH OF CHILDREN**

**DANGER {PELIGRO}**



**POISON {VENENO}**

{See [{left} {back} {side} {right} {insert} {panel} {of label}] {below}] for {additional} {precautionary statements}.

{Note to Reviewer: In accordance with 40 CFR 156.68(d), all first aid statements, as prescribed, will appear on the front panel of the product label.}

## 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 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:** 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. Call a poison control center or doctor immediately 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.

In case of emergency, 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.

{For [{chemical} {and} {or} {medical} {and} {or} {environmental}] emergencies, call {insert name and/or number of emergency contact} {hours of operation} {24 hours a day} {7 days a week}}.

{See {additional} {sheet} {insert} {inside} {outer container} for {other} {directions for use} {information} {claims} {organisms}.}

## PRECAUTIONARY STATEMENTS

### HAZARDS TO HUMANS AND DOMESTIC ANIMALS

**DANGER.** Corrosive. Causes irreversible eye damage and skin burns. Fatal if absorbed through skin. May be fatal if swallowed. Harmful if inhaled. Do not get in eyes, on skin, or clothing. Do not breathe vapor or spray mist. Wear goggles or face shield, coveralls over long-sleeved shirt and long pants, socks, chemical-resistant footwear, and chemical-resistant gloves. When mixing and loading wear a 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 repeated skin contact may cause allergic reactions in some individuals.

### ENVIRONMENTAL HAZARDS

This product is toxic to fish and aquatic invertebrates. 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 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.

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### {SPANISH ADVISORY STATEMENTS}

*(Note to Reviewer: This statement is optional except when used on labels with agricultural uses.)*

{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.}

Manufactured for: Gray Beard LLC  
1931G Rohlwing Road  
Rolling Meadows, IL 60008

Net Contents:  
{{Batch} {Lot} No} {Manufacturing Date}:  
{Product of USA} {Made in the USA}

## MARKETING CLAIMS

**(Note to Reviewer:** Marketing text is considered optional. Commas and the words “and” “or” can be added to phrases to make text grammatically correct.)

### {LOCATIONS}

**(Note to Reviewer:** The locations have been grouped for space purposes only; they can be used individually or grouped together in any order however at least **one** location/surface must appear on the label. In the case where one or more location/surface is chosen, an “and” “&” “or” may be used to link locations/surfaces.)

This product is for use in (insert location)

For use {in} {on} (insert location/surface).

### {LOCATIONS}

- ☐ Oil Field Water Flood or Salt Water Disposal Systems and Fracturing Fluids
- ☐ Oil Field Injection and Waste Water
- ☐ Drilling, completion and workover fluids systems
- ☐ Oil and Gas Production and Transmission
- ☐ Gas storage wells and systems
- ☐ Hydrotesting facilities
- ☐ Packer fluid systems
- ☐ Pipeline pigging and scraping operations

## GENERAL MARKETING CLAIMS

**(Note to Reviewer:** The following marketing claims may be used with the prefix “This product” or “This product is {a} {an}”).

- ☐ Cold Temperature Formula
- ☐ Winterized {Formula}
- ☐ This product has been {specially} formulated for use in cold weather environments.
- ☐ For use in cold weather
- ☐ {The product is} freeze resistant.
- ☐ This product has been {specially} formulated to withstand winter conditions.
- ☐ This product is a winterized microbiocide which remains a thick pourable fluid.
- ☐ This product is ideal for cold weather oil and gas applications.
- ☐ This product will control sulfate reducing bacteria [SRB] and slime forming bacteria in oil well drilling, oil field water floods, saltwater disposal systems and oil and gas productions and transmission pipelines and systems.
- ☐ Microbiocide 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, and disposal-well water.
- ☐ Has been designed specifically for control of sulfate-reducing bacteria that contribute to souring, the production of sulfide, and abiotic corrosion in oil field systems, gas production and transmission pipelines and systems.

## DIRECTIONS FOR USE

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

**(Note to Reviewer (General Considerations):** Numbered instructions will be used if label space permits, otherwise may appear in paragraph format. Unit abbreviations can be spelled out. When choosing optional text, appropriate punctuation can be inserted or deleted. Equivalent use dilution ratios may be substituted within the directions.)

{Please read entire label and use strictly in accordance with precautionary statements and directions.}

## OIL FIELD, GAS PRODUCTION AND TRANSMISSION PIPELINE AND SYSTEMS

**OIL FIELD WATER FLOOD OR SALT WATER DISPOSAL SYSTEMS AND FRACTURING FLUIDS: {DO NOT APPLY IN MARINE OR ESTUARINE OIL FIELDS!} {(Not Approved For Use In California)}**

Add this product to water used in fracturing operations at the frac location where logistically possible to the water system piping or tanks. Add at 0.05 – 0.20 gallons dosage per 1000 gal of water (25-100 ppm active) to control slime forming and sulfate reducing bacteria. Levels for effective control will vary depending on conditions at the site and amount of bacteria loading in frac water.

For the control of slime forming and sulfate reducing bacteria in oil field water flood or salt water disposal systems, add 5-10 ppm {active} of this product {(1- 1/2 - 3 gallons per 3000 barrels of water)} continuously. Levels for effective control will vary depending on conditions at the site.

Product addition must be made with a metering pump. This product must be applied where it will dispense most rapidly and uniformly to the desired area of treatment. Product must be slug fed then fed continuously or on an intermittent basis depending on the degree of system fouling.

Heavily fouled system must be precleaned.

**Slug:** Apply 1 1/2 - 6 gallons per 3000 barrels [5-20 ppm ai] of water for 4-8 hours per day until desired level of control is achieved. To maintain the system in an acceptable manner, utilize a continuous treatment with the microbiocide or apply intermittent doses.

**Intermittent Feed:** The frequency of intermittent doses will vary with individual systems. Apply 1 1/2 - 6 gallons per 3000 barrels {(5-20 ppm active)} of water for 4-8 hours per day, one to four times a week as needed to maintain control.

**Continuous Feed:** Fouled systems must be slug treated to get initial control, followed by continuous treatment to maintain control. Apply 1 1/2 - 3 gallons per 3000 barrels of water {(5-10 ppm active)} continuously.

**FOR TREATMENT OF FLOW BACK RETURN WATER: {Post Hydraulic Fracturing} {(Not Approved For Use In California)}** Add 1 1/2 - 6 gallons per 3000 barrels of water {(5-20 ppm active)} for 4 to 8 hours per day, one to four times a week as needed to maintain control.

**OIL FIELD INJECTION AND WASTE WATER:** {(Not Approved For Use In California)} This product must be added to the water handling system at a point of uniform mixing such as the area of addition of make up water to the holding tank.

**Continuous Injection:** Add 7.5 oz per 1000 gallons of water {(30 ppm active)} when system is noticeably fouled. When microbial control is evident, add 3.75 oz per 1000 gallons of water {(15 ppm active)} to maintain control.

**Batch Treatment:** Add 46.3 fluid ounces per 1000 gallons of water {(180 ppm active)} over a period of 4 - 6 hours one or more times per week when the system is noticeably fouled. When microbial control is evident, add 23 oz per 1000 gallons of water {(90 ppm active)} over a period of 4—6 hours one or more time per week.

—OR—

For use in oil field and/or petrochemical water subsurface injection systems of secondary and/or tertiary oil recovery systems to reduce the number of anaerobic bacteria, aerobic bacteria, sulfate-reducing bacteria.

This product is to be applied at a point in the recovery system where it will be uniformly mixed, such as at the screens, storage tanks and other mixing device locations. Dosing Conditions: This product should be applied when the system is in jeopardy of being affected. Heavily contaminated systems must be precleaned before treatment is begun. Equipment Used: Use the injection pump to apply the product.

**Slug:** When the system is noticeably fouled, add 15.3 oz {(60 ppm active ingredient)} of this product per 1000 gallons of water in the system. Apply for 3 to 8 hours daily until control is achieved.

**Subsequent Dose:** When microbial control is evident, add 7.5 oz {(30 ppm active ingredient)} of this product per 1000 gallons of water in the system daily or as needed to maintain control.

**Intermittent Feed:** The frequency of intermittent doses will vary with individual systems.

**Initial Dose:** When the system is noticeably fouled, add 15.3 oz {(60 ppm active ingredient)} of this product per 1000 gallons of water in the system. Add for 3 to 8 hours daily until control is achieved.

**Maintenance Dose:** When control of microbial growth is evident, add 7.5 gallons {(30 ppm active ingredient)} per 1000 gallons of water in the system daily or as needed to maintain control.

**Continuous Feed:**

**Initial Dose:** When the system is noticeably fouled, add 3.8 oz {(15ppm active)} of this product per 1000 gallons of water in the system.

**Subsequent Dose:** Maintain this treatment by starting a continuous feed of 3.8 oz {(15 ppm active)} of this product per 1000 gallons of water daily or as needed to maintain control.

**OIL AND GAS PRODUCTION AND TRANSMISSION PIPELINE SYSTEMS:** {(Not Approved For Use In California)} For the control of sulfate-reducing bacteria and slime forming bacteria, this product must be added to a gas production or transmission pipeline via direct injection at a point where uniform and maximum distribution will occur.

**GAS STORAGE WELLS AND SYSTEMS:** {(Not Approved For Use In California)} Treat individual injection wells of this product to produce effective concentration of 65- 1000 ppm {(active)} of this product. Update treatment rate as needed. This product must be diluted by the water present in the formation. Injection may be repeated yearly or as needed to maintain control.

**PIPELINE PIGGING AND SCRAPING OPERATIONS:** {(Not Approved For Use In California)} Add this product to slug of water immediately following the scraper {(keep the water volume to a minimum and contained between the scraper and the following pig)}. Add an effective concentration to produce 75 - 500 ppm depending on the length of the pipeline and the severity of the biofouling.

**DRILLING, COMPLETION, AND WORKOVER FLUIDS:** {(Not Approved For Use In California)} Add this product to the fluid system at a point of uniform mixing such as circulating mud tank.

**Initial Dose:** Add 65- 1000 ppm {(active)} of this product to a freshly prepared fluid.

**Maintenance Dose:** Add 65— 1000 ppm of this product to maintain control.

**PACKER FLUIDS:** {(Not Approved For Use In California)} Add to a packer fluid at a point of uniform mixing such as a circulating holding tank at a rate of 65 — 1000 ppm {(active per 100 barrels of fluid)} to a freshly prepared fluid depending on the severity of contamination. Seal the fresh packer fluid in the wall between the casing and the production tube.

**HYDROTESTING:** {(Not Approved For Use In California)} Treat water used to hydrotest pipelines or vessels at 65 — 1000 ppm active depending on the water quality and length of time the equipment will remain idle. This product weighs 7.8 lbs. / gallon [at 20°C]. This product may be diluted 1:4 with water and/or methanol before application. If diluted, use 4 times the dose rates listed above to achieve the ppm active concentrations listed.

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## {WARRANTY STATEMENT}

*(Note to Reviewer: This statement is optional.)*

Read Product Safety Data Sheet prior to use, PRODUCT WARRANTY, DISCLAIMER AND LIMITATION OF LIABILITY ARE FOUND on the Product Material Safety Data Sheet. Unless inconsistent with applicable law, use of Product signifies agreement with these provisions.

Lea la Hoja de Seguridad del Producto antes de usarlo. LA GARANTIA DEL PRODUCTO, DECLINACION Y LIMITACION DE RESPONSABILIDAD SE ENCUENTRAN en la Hoja de Seguridad del Producto. A menos de que sea inconsistente con la ley, el uso del producto significa acuerdo con estas provisiones.

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## STORAGE AND DISPOSAL

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

**PESTICIDE STORAGE:** This product is incompatible with many commonly used materials of construction such as steel, galvanized iron, aluminum, tin, and zinc. This product can be stored and handled in baked phenolic-lined steel, polyethylene, stainless steel, or reinforced epoxy-plastic equipment. 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:

*(Note to Reviewer: One or more of the following paragraphs for Container Handling will be selected, depending on packaging use/type.)*

*{For non-refillable containers equal to or less than 5 gallons}*

Non-Refillable Container. Do not reuse or refill this container. Triple rinse container {(or equivalent)} promptly after emptying. Triple rinse as follows: Fill the container ¼ full with water and recap. Shake for 10 seconds. Drain for 10 seconds after the flow begins to drip. Follow Pesticide Disposal instructions for rinsate disposal. Repeat this procedure two more times. Then offer for recycling if available or puncture and dispose of in a sanitary landfill, or by incineration.

*{For non-refillable containers greater than 5 gallons}*

Non-Refillable Container. Do not reuse or refill this container. Triple rinse container {(or equivalent)} promptly after emptying. Triple rinse as follows: 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 back and forth several times. Turn the container over onto its other end and tip back and forth several times. Follow Pesticide Disposal instructions for rinsate disposal. Repeat this procedure two more times. Then offer for recycling if available or puncture and dispose of in a sanitary landfill, or by incineration.

{Refillable containers}

Refillable Container. Refill this container with this product only. Do not reuse this container for any other purpose. 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. Fill container about 10 percent full with water. Agitate vigorously or recirculate water with the pump for 2 minutes. Pour or pump rinsate into application equipment or rinsate collection system. Repeat this rinsing procedure two more times.

## GRAPHICS AND ICONS

(Note to Reviewer: These are representative icons for use sites/application methods that may appear on the label with the appropriate directions for use, PPE or package type.)



Children can fall into bucket and drown.

Keep children away from bucket with even a small amount of liquid.

MADE IN



U. S. A.

