



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

EPA Reg. Number:

103205-11

Date of Issuance:

2/18/26

NOTICE OF PESTICIDE:

Registration  
 Reregistration  
 (under FIFRA, as amended)

Term of Issuance:

Conditional

Name of Pesticide Product:

HO Bio GQ 140025

Name and Address of Registrant (include ZIP Code):

Brian Hogan  
 KRK Consulting LLC for Hiroo Onada LLC  
 8115 SH-540 Loop, Beasley, TX 77417  
 Electronic Transmittal: [brian@eparegistration.com](mailto:brian@eparegistration.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)(C). 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:

2/18/26

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 Order listed above, you may contact the Reevaluation Team Leader (Team 36): <https://www.epa.gov/pesticide-contacts/contacts-office-pesticide-programs-antimicrobials-division>

3. Make the following label changes before you release the product for shipment:

- Revise the EPA Registration Number to read, “EPA Reg. No. 103205-11.”

4. 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 06/13/2025
- Alternate CSF 1 dated 09/25/2025
- Alternate CSF 2 dated 09/25/2025

If you have any questions, please contact Linda Amar via email at [amar.linda@epa.gov](mailto:amar.linda@epa.gov).

Enclosure: Final Stamped Label

{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.}

EPA REGISTRATION NO 103205-RR E.P.A. Est No. XXXX-XX-XXX

# HO Bio GQ 140025

**ACCEPTED**

02/18/2026

Under the Federal Insecticide, Fungicide and Rodenticide Act as amended, for the pesticide registered under EPA Reg. No. 103205-11

## PRECAUTIONARY STATEMENTS

**HAZARDS TO HUMANS AND DOMESTIC ANIMALS**  
**DANGER. CORROSIVE.** Causes irreversible eye damage and skin burns. May be fatal if inhaled. Harmful if swallowed or absorbed through skin. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals. Do not get in eyes, on skin, or on clothing. Do not breathe (vapor or spray mist). Wear appropriate protective eyewear such as goggles, face shield, or safety glasses. Wear a minimum of a NIOSH-approved elastomeric half mask respirator with organic vapor (OV) cartridges and a combination R, or P filter; OR a NIOSH-approved gas mask with OV canisters; OR a NIOSH-approved powered air-purifying respirator with OV cartridges and combination HE filters. Wear coveralls over long-sleeved shirt and long pants, socks, chemical-resistant footwear, and chemical-resistant gloves (such as butyl rubber ≥ 14 mils, nitrile rubber ≥ 14 mils, or Viton ≥ 14 mils) gloves, and chemical-resistant apron when mixing and loading. Wash thoroughly with soap and water after handling and before eating, drinking, and chewing gum, using tobacco or using the toilet. Remove and wash contaminated clothing before reuse.

## 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 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.

## PHYSICAL OR CHEMICAL HAZARDS

Do not mix with other chemicals. Mix only with water.

## Net Contents:

® NET WT:

LOT:

HO Bio GQ 140025 is a biocide with preservation and non-public health water treatment capabilities. Crafted for reliability and effectiveness, HO Bio GQ 140025 offers non-public health microbial control for water system management across water treatment sectors. Product can be used in leather-tanning industry and in lumber treatment. Preventing decay and extending the lifespan of timber products. Furthermore, HO Bio GQ 140025 is used in the management of water-cooling towers, preventing biofouling and ensuring optimal cooling system performance. In the oil and gas water treatment industries, it acts to control microbial growth in all phases of exploration, completion, and production where water-based fluids are utilized. Formulators using this product are responsible for providing data for the EPA registration of their formulated products.

## Active Ingredient:

Glutaraldehyde .....	14%
Alkyl (50% C14, 40% C12, 10% C16) dimethyl benzyl ammonium chloride .....	2.5%
Other ingredients .....	83.5%
<b>Total .....</b>	<b>100%</b>

## KEEP OUT OF REACH OF CHILDREN

**DANGER/PELIGRO**

Si usted no entiende la etiqueta, busque a alguien para que se la explique en detalle. (If you do not understand the label, find someone to explain it to you in detail.)

## FIRST AID

<b>If in eyes:</b>	<ul style="list-style-type: none"> <li>• <b>Hold eye open and rinse slowly and gently with water for 15-20 minutes.</b></li> <li>• <b>Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.</b></li> <li>• <b>Call a poison control center or doctor for treatment advice</b></li> </ul>
<b>If on skin or clothing:</b>	<ul style="list-style-type: none"> <li>• <b>Take off contaminated clothing.</b></li> <li>• <b>Rinse skin immediately with plenty of water for 15-20 minutes.</b></li> <li>• <b>Call a poison control center or doctor for treatment advice.</b></li> </ul>
<b>If inhaled:</b>	<ul style="list-style-type: none"> <li>• <b>Move person to fresh air.</b></li> <li>• <b>If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible.</b></li> <li>• <b>Call a poison control center or doctor for treatment advice.</b></li> </ul>
<b>If swallowed:</b>	<ul style="list-style-type: none"> <li>• <b>Call a poison control center or doctor immediately for treatment advice.</b></li> <li>• <b>Have person sip a glass of water if able to swallow.</b></li> <li>• <b>Do not induce vomiting unless told to do so by a poison control center or doctor.</b></li> <li>• <b>Do not give anything by mouth to an unconscious person.</b></li> </ul>

*Have the product container or label with you when calling a poison control center or doctor, or going for treatment. - For medical emergencies, call the poison control center at 1-800-222-1222. - For general information on this product, call US: 1-800-535-5053, International: 352-323-3500, or contact the National Pesticides Information Center (NPIC) at 1-800-858-7378, Monday through Friday, 8 AM to 12 PM PST, or at <http://npic.orst.edu>*

**NOTE TO PHYSICIAN: PROBABLE MUCOSAL DAMAGE MAY CONTRAINDICATE THE USE OF GASTRIC LAVAGE.**

## STORAGE AND DISPOSAL STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal.  
**PESTICIDE STORAGE:** Store only in the original tightly closed container in a dry place between 50° and 120°F. Store in locked and well-ventilated area away from persons unfamiliar with this product's proper use. Keep away from heat, sparks and open flame.

**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:

{For Non-Refillable Containers 5 Gallons or Less} Nonrefillable container. Do not reuse or refill this container. Triple Rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container ¼ full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. 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 Larger than 5 Gallons} Nonrefillable container. Do not reuse or refill this container. Triple Rinse as follows: 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. Then offer for recycling if available or puncture and dispose of in a sanitary landfill, or by incineration. {For 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. Return to point of sale or offer for recycling if available or reconditioning if appropriate, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities."

## LIMITED WARRANTY AND DISCLAIMER

Seller warrants that the product conforms to its chemical description as contained on this label and is reasonably fit for the purposes stated on this label when used in accordance with directions under normal conditions of use. THE WARRANTIES MADE IN THIS PARAGRAPH ARE SELLER'S SOLE WARRANTIES WITH RESPECT TO THE PRODUCT AND ARE MADE EXPRESSLY IN LIEU OF AND EXCLUDE ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE AND ALL OTHER EXPRESS OR IMPLIED REPRESENTATIONS AND WARRANTIES.

Produced for

**HIROO ONADA**

8115 Loop 540, Beasley, TX 77417

+1-855-346-6742

EPA REGISTRATION NO 103205-RR

**Active Ingredient:**

Glutaraldehyde.....	14%
Alkyl (50% C14, 40% C12, 10% C16)	
dimethyl benzyl ammonium chloride.....	2.5%
Other Ingredients.....	83.5%
Total: .....	100%

## DIRECTIONS FOR USE

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling. Please read the entire label and use strictly in accordance with precautionary statements and directions before using HO Bio GQ 140025.

Do not use water containing residues from use of this product to irrigate crops for food or feed.

### NON-PUBLIC HEALTH WATER TREATMENT MICROBIOCIDAL FOR BUILDING AND INDUSTRIAL COOLING TOWERS SYSTEMS

#### Cooling Towers, Air Washers, Industrial Scrubbing/Recirculating Cooling Water Systems and Process Water Systems

This product should only be use in industrial air washers and air washer systems which contain a mist-eliminating components. 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 4.2 –8.5 fluid ounces of product per 100 gallons of water to the system. Repeat until control is achieved.
2. Subsequent Dose: When microbial control is evident, add 1.7–4.2 fluid ounces of product per 100 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

1. Initial Dose: When the system is noticeably fouled, add 4.2 –8.5 fluid ounces of product per 100 gallons of water in the system.
2. Subsequent Dose: Maintain this treatment level by starting a continuous feed of 0.8-4.2 fluid ounces of product per 100 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 AUXILIARYSYSTEMS

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 1,600 –7,600ppm (1.6-7.6gallons) 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 makeup water to the holding tank. Initial Treatment: When the system is noticeably contaminated, add 300–15,000ppm product (0.3–14.5gallons product per 1000 gallons flood water). Repeat until control is achieved. Subsequent Dose: When microbial control is evident, add 60-15,000ppm product (0.06 –14.5gallons product per 1000 gallons flood water) weekly, or as needed to maintain control.

### NON-PUBLIC HEALTH WATER TREATMENT MICROBIOCIDAL FOR OIL & GAS FIELD SYSTEMS

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

HO Bio GQ 140025 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: HO Bio GQ 140025 is added to 360–17,900 ppm product (3.5 -172.5 gallons product per 10,000 gallons depending on microbial fouling present in source water).

#### COMPLETION AND WORKOVER FLUIDS

HO Bio GQ 140025 should be added to a packer fluid at a point of uniform mixing such as a circulation holding tank. Add 150–3,000 ppm product (0.6 –12.2gallons 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. Maintenance Dosage: A concentration of 150 –3,000 (0.6 –12.2 gallons product per 100 barrels of fluid) should be maintained, as needed depending on the severity of contamination.

#### PACKER FLUIDS

HO Bio GQ 140025 should be added to a packer fluid at a point of uniform mixing such as a circulation holding tank. Add 150-1,800 ppm HO Bio GQ 140025 (0.6-7.3 gallons) 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)

HO Bio GQ 140025 may also be used as a hydrogen sulfide scavenger in oil field processing and refining operations. For hydrogen sulfide scavenging application, inject product full 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

HO Bio GQ 140025 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 1,500 –15,000 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 600-6,000ppm 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 0.29 –2.9 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 300–12,000ppm (0.3-11.8gallons) of product per 1,000 gallons of water depending on water quality and the length of time the equipment remains idle.



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