



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

EPA Reg. Number:

5383-217

Date of Issuance:

4/11/19

NOTICE OF PESTICIDE:

Registration
 Reregistration
(under FIFRA, as amended)

Term of Issuance:

Conditional

Name of Pesticide Product:

Aquamate GLT25

Name and Address of Registrant (include ZIP Code):

Troy Chemical Corporation
One Ave. L
Newark, NJ 07105

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:

Zeno Bain, Product Manager 33
Regulatory Management Branch I
Antimicrobials Division (7510P)
Office of Pesticide Programs

Date:

4/11/19

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

- a. Gluteraldehyde GDCI-043901-1668

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. 5383-217.”
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 11/15/2018

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

ACCEPTED

Apr 11, 2019

Under the Federal Insecticide, Fungicide
and Rodenticide Act as amended, for the
pesticide registered under
EPA Reg. No. 5383-217

CENTER PANEL
Aquamate™ GLT25

For Industrial Use

Microbiocide for Use in Controlling Bacteria including Slime-Forming Bacteria and Sulfate-Reducing Bacteria in Industrial Scrubbing Systems, Recirculating Cooling and Process Water Systems in Oil Well Drilling, Oil Field Processing Applications, Oil Field Water Systems, Gas Production and Transmission Pipelines and Systems and Gas Storage Fields Industrial Recirculating Water Handling Systems.

EPA Reg. No. 5383-_____

EPA Est. No.: XXXX-XX

Active Ingredient:.....% Weight
Glutaraldehyde.....25.0%
Inert Ingredients:.....75.0%
TOTAL:.....100.0%

KEEP OUT OF REACH OF CHILDREN

DANGER-POISON



See side panel for additional Precautionary Statements

If you do not understand the label, find someone to explain it to you in detail

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle

First Aid	
If in Eyes	<ul style="list-style-type: none">• Hold eye open and rinse slowly and gently with water for 30 minutes.• Remove contact lenses, if present, after the first 5 minutes, then continue rinsing. Obtain prompt medical consultation, preferably from an ophthalmologist.• Call a poison control center or doctor for treatment advice.
If on Skin or Clothing	<ul style="list-style-type: none">• Take off contaminated clothing.• Rinse skin immediately with plenty of water for 25-20 minutes.

	<ul style="list-style-type: none"> • Call a poison control center or doctor for treatment advice.
If Swallowed	<ul style="list-style-type: none"> • 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	<ul style="list-style-type: none"> • Move person to fresh air. • If person is no breathing call 911 or an ambulance, and then give artificial respiration, using pocket mask for face protection if via mouth-to-mouth. • Call a poison control center or a doctor for treatment advice.
Hotline Number	
IN CASE OF EMERGENCY endangering life or property involving this product, call 1-800 CHEM-TREC (1-800-424-9300)	
NOTE TO PHYSICIAN	
Inhalation, ingestion or aspiration may cause lung or GI tract damage. Probable mucosal damage may contraindicate the use of gastric lavage. No specific antidote. Treatment of exposure should be directed at the control of symptoms and the clinical condition of the patient.	
Have the MSDS and, if available, the product container or label with you when calling a poison control center or a doctor, or going for treatment.	

Net Contents: _____

LEFT PANEL

Precautionary Statements

Hazards to Humans and Domestic Animals

DANGER-POISON

Corrosive. Causes irreversible eye damage and skin burns. Fatal if swallowed. May be fatal if inhaled. Harmful if absorbed through skin. Do not get in eyes, on skin, or on clothing. Prolonged or frequently repeated skin contact may cause allergic reaction in some individuals .

Personal Protective Equipment

Applicators and other handlers must wear:

- Goggle or face shield
- Coveralls over long-sleeved shirt and long pants
- Socks and chemical resistant footwear
- Chemical-resistant gloves (such as Barrier Lamine, or Butyl Rubber, or Nitrile Rubber, or Neoprene Rubber, or Natural Rubber, or Polyethylene, or Polyvinyl Chloride (PVC), or Viton, selection Category A)

- Wear a minimum of a NIOSH-approved particulate filtering facepiece respirator with any N, R, or P filter; OR a NIOSH- approved elastomeric particulate respirator with any N, R, or P filter; OR a NIOSH-approved powered air purifying respirator with HE filters.

USER SAFETY REQUIREMENTS

Discard clothing or other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them. Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry.

USER SAFETY RECOMMENDATIONS

Users should:

- Wash hands 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.
- Remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Remove PPE immediately after handling this product. As soon as possible, wash thoroughly and change into clean clothing

RIGHT PANEL

ENVIRONMENTAL HAZARDS

This product 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 Pollution 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. Flowback and/or produced water **MUST NOT** be discharged to a Publicly Owned Treatment (POTW) facility, but **MUST** be reused in another oilfield application or disposed of via deep well injection in accordance with local permits.

DIRECTIONS FOR USE

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

FOR CLOSED MIXING AND LOADING SYSTEMS ONLY

Engineering Controls

Handlers must use a closed system that is designed to prevent dermal and inhalation exposures by removing the product from the container and applying the product via metering pump to the blender. The closed system must function properly and be used and maintained in accordance with the manufacturer's written operating instructions. Handlers must wear the personal protective equipment required on this labeling.

Industrial and Commercial Cooling Water and Process Water Systems

Not intended for use in once-through cooling systems. For control of microbial growth in industrial and commercial cooling water systems use either continuous or slug dosing.

CONTINUOUS FEED

Add product to metering device for continuous feed. Add 24-48 fluid ounces Aquamate GLT25 per 1000 gallons of water in the system. Subsequent dose: Maintain this treatment level by starting a continuous feed of 4.8-24 fluid ounces Aquamate GLT25 per 1000 gallons of water in the system per day. Badly fouled systems must be cleaned before treatment. *SLUG DOSING:* When the system is noticeably fouled apply 24-48 fluid ounces of Aquamate GLT25 per 1000 gallons of water in the system. Repeat until control is achieved. Subsequent dose- When microbial control is evident, add 9.6-24 fluid ounces of Aquamate GLT25 per 1000 gallons of water in the system weekly or as needed to maintain control. Badly fouled systems must be cleaned before treatment is begun.

Oil and Gas Production Uses:

At a point of uniform mixing, apply Aquamate GLT25 at a concentration within the stated dosage range for the relevant product application. Subsequent treatments can be applied as needed to maintain an effective microbial control concentration within the described application range. The stated concentration ranges provide microbial control of micro-organisms at different levels of contamination.

Drilling, Completion and Workover Fluids

Aquamate GLT25 must be added to a drilling fluid system at a point of uniform mixing such as the drilling mud tank. Initial treatment: Add 100-2000 ppm product 0.4-7.9 gallons Aquamate GLT25 per 100 barrels of fluid to a freshly prepared fluid depending on the severity of contamination.

Maintenance dosage: Maintain a concentration of 100-2000 ppm Aquamate GLT25 by adding 0.4-7.9 gallons Aquamate GLT25 per 100 barrels of additional fluid, or as needed, depending on the severity of contamination.

Packer Fluids

Aquamate GLT25 must be added to a packer fluid at a point of uniform mixing such as a circulating holding tank. Add 100-1200 ppm product (0.4-4.7 gallons Aquamate GLT25 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.

Fracturing Fluids

Add 100-1200 ppm product at any point in the production or application of the fracturing fluid to reduce bacterial contamination and fracturing fluid degradation.

Oil Production and Transmission Pipelines and Systems

Aquamate GLT25 must be added to an oil production or transmission pipeline by direct injection. The application must be conducted to ensure maximum distribution of Aquamate GLT25 throughout the entire internal pipeline surface by adding a sufficient amount of biocide to the 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 count and/or reduced corrosion rates. To facilitate application it may be desirable to dilute the Aquamate GLT25 with an appropriate solvent immediately before use. The concentration in the solvent should range in an active concentration of 500-5000 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 Pipelines and Systems

Aquamate GLT25 must be added to a gas production or transmission pipeline via direct injection. The application must be conducted to ensure maximum distribution of Aquamate GLT25 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 Aquamate GLT25 with an appropriate

solvent immediately before use. The concentration in the solvent must range in an active concentration of 500-5000 ppm based on the volume of water in the pipeline. Injections to the system must be weekly, or as needed to maintain control.

Gas Storage Wells and Systems

Individual injection wells must be treated with a sufficient quantity of Aquamate GLT25 to produce a concentration of 1000-10,000 ppm Aquamate GLT25 when diluted by the water present in the formulation. Injections must take place before gas is injected. Injections must be repeated yearly or as needed to maintain control. Individual drips must be treated with a sufficient quantity of Aquamate GLT25 to produce a concentration of 400-4000 ppm Aquamate GLT25 when diluted by the water in the drip. Injections must be repeated yearly or as needed to maintain control.

Hydrotesting

Water used to hydrotest pipelines or vessels must contain 200-8000 ppm per product (0.2-7.5 gallons Aquamate GLT25 per 1000 gallons water) depending on the water quality and length of time the equipment will remain idle.

Pipeline Pigging and Scraping Operations

Add the appropriate volume of product to achieve a concentration of 1000-10000 ppm product in the water slug immediately applied following the scraper (ideally this water volume can be kept to a minimum and contained between the scraper and a trailing pig). Sufficient Aquamate GLT25 must be added to produce a concentration of 0.2-2.0% (0.2-1.9 gallons Aquamate GLT25 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.

Pesticide Storage: Aquamate GLT25 is incompatible with many commonly used materials of construction such as steel, galvanized iron, aluminum, tin and zinc. Aquamate GLT25 can be stored and handled in baked phenolic-lined steel, polyethylene, stainless steel or reinforced epoxy-plastic equipment. The product freezes at approximately 14° F (-10° C). Therefore unless the storage tank is inside or underground heating and insulation may be required. If heating is required 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. Keep container tightly closed when not in use.

Handle in a well-ventilated area. If vapors are irritating to the nose or eyes, special ventilation or respiratory protection (MSHA/NIOSH approved air purifying respirator equipped with an organic vapor cartridge) is required.

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 Disposal: Non-refillable container. Do not reuse or refill this container. Triple or pressure rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Fill the container $\frac{1}{4}$ 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. Follow Pesticide Disposal instructions for rinsate disposal. Repeat this procedure two more times. 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.

MANUFACTURED FOR:

Troy Chemical Corp.

One Avenue L

Newark, N.J. 07105

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