



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

EPA Reg. Number:

5383-219

Date of Issuance:

3/7/19

NOTICE OF PESTICIDE:

Registration
 Reregistration
 (under FIFRA, as amended)

Term of Issuance:

Conditional

Name of Pesticide Product:

Aquamate GLT50

Name and Address of Registrant (include ZIP Code):

Troy Chemical Corp.
 One Avenue 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:

3/7/19

2. You are required to comply with the data requirements described in the DCI identified below:
 - a. 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 listed above, you may contact the Reevaluation Team Leader (Team 36): <http://www2.epa.gov/pesticide-contacts/contacts-office-pesticide-programs-antimicrobial-division>

3. Make the following label changes before you release the product for shipment:
 - Revise the EPA Registration Number to read, “EPA Reg. No. 5383-219.”
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 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 01/30/2019

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

ACCEPTED

Mar 07, 2019

Under the Federal Insecticide, Fungicide
and Rodenticide Act as amended, for the
pesticide registered under
EPA Reg. No. 5383-219

CENTER PANEL
Aquamate™ GLT50
For Industrial Use

Microbiocide for Use in Controlling Bacteria including Slime-Forming Bacteria and Sulfate-Reducing Bacteria in Industrial 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 and Equipment such as Flood Water, Injection Water , and related Refinery and Oil Field Closed Industrial Recirculating Water Handling Systems.

EPA Reg. No. 5383-_____

EPA Est. No.: _____

Active Ingredient:.....% Weight
Glutaraldehyde.....50.1%
Inert Ingredients:.....49.9%
TOTAL:.....100.0%

KEEP OUT OF REACH OF CHILDREN
DANGER

| 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 20-25 minutes.• 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. |

| | |
|---|---|
| | <ul style="list-style-type: none"> • 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. Chemical eye burns may require extended irrigation. No specific antidote. Treatment of exposure should be directed at the control of symptoms and the clinical condition of the patient. | |

See side panel for additional Precautionary Statements

Net Contents:

LEFT PANEL

Precautionary Statements

Hazards to Humans and Domestic Animals

DANGER

CORROSIVE: Causes Irreversible eye damage. Causes skin burns. May be fatal if swallowed. May be fatal if inhaled. Harmful if absorbed through skin. Prolonged or frequently repeated skin contact may cause allergic skin reaction in some individuals. Causes asthmatic symptom in hyper-sensitive individuals. Do not get in eyes, on skin, or on clothing. Do not swallow. Do not breathe vapor. Wear goggles, protective clothing, and butyl or nitrile gloves. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Remove contaminated clothing and wash before reuse. Handle in a well-ventilated area. Wear a NIOSH approved air purifying respirator equipped with an organic vapor cartridge.

Personal Protective Equipment

Applicators and other handlers must wear:

- Coverall, over long –sleeved shirt and long pants
- socks and chemical resistant footwear
- goggles or face shield
- chemical resistant gloves (such as butyl rubber, Nitrile/butadiene rubber)
- NIOSH approved air purifying respirator equipped with an organic vapor cartridge

User Safety Requirements

Follow manufacturers' instructions for cleaning and maintaining PPE if so such instructions exist for washables, use detergent and hot water. Keep and wash PPE separately from other laundry. Users must 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 of this product. Wash the outside of gloves before removing. 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 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 20-200 ppm per day of product to the water in the system depending on the severity of contamination. Badly fouled systems must be cleaned before treatment. Do not exceed more than 200 ppm product in the system water per day.

SLUG DOSING

Add product to basin of cooling system or at any other point of uniform mixing. Add 40-200 ppm of product to the water in the system depending on the severity of contamination. Repeat as needed to maintain control. Badly fouled systems must be cleaned before treatment.

Oil and Gas Production Uses:

At a point of uniform mixing, apply Aquamate GLT50 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 dosage range. The stated concentration ranges provide microbial control of micro-organisms at different levels of contamination.

Drilling, Completion and Workover Fluids

Add 125-2475 ppm product to the fresh fluid system. Subsequent treatments may be applied to maintain a concentration of 50-990 ppm due to fluid reuse or turnover.

Packer Fluids

Add 50-600 ppm product to a circulating packer to ensure uniform mixing. Seal the treated packer fluid in the wall between the casing and production tube.

Fracturing Fluids

Add 100-4950 ppm product at any point in the production or application of the fracturing fluid to reduce bacterial contamination and fracturing fluid degradation.

Water Floods and Enhanced Recovery Fluids

Intermittent or continuous dosing can be applied to the fluid to achieve a concentration of 20-4950 ppm product for effective microbial control.

Injection Waste Fluids

Add 100-4950 ppm product to the waste fluid prior to or at injection into an approved disposal well.

Gas Storage Wells and Systems

Individual injection wells should be treated to produce of 500-4950 ppm product based on the water volume present in the system. Yearly treatments should be applied to maintain effective microbial control. Individual drips should contain 200-1980 ppm as needed to maintain microbial control.

Hydrotesting

Water used to hydrotest pipelines or vessels should contain 100-3960 ppm per product.

Pipeline Pigging and Scraping Operations

Add the appropriate volume of product to achieve a concentration of 1000-9980 ppm product in the water slug immediately applied following the scraper.

Hydrocarbon Production, Storage and Transmission Systems

Add by direct injection to achieve a concentration of 1000-9980 ppm product based on the volume of water in the system. For pipeline uses, after application and complete distribution throughout the pipeline, a detectable amount of residual product should be present at the backend of the pipeline system.

STORAGE AND DISPOSAL

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

Pesticide Storage: To maintain product quality, store at temperatures below 80 °F (26.7° C). Keep container tightly closed when not in use. Aquamate GLT50 is incompatible with many commonly used materials of construction such as steel, galvanized iron, aluminum, tin and zinc. It can be stored and handled in baked phenolic-lined steel, polyethylene, stainless steel or reinforced epoxy-plastic equipment. This product freezes at approximately 16°F (-9°C), therefore unless the storage tank is inside or underground heating and insulation may be needed. If heating is needed, exposure to high temperatures should be avoided. For short storage times (approximately 1 month) temperatures up to 100°F (37.8°C) can be tolerated. 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: 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 Disposal: Non-refillable container. Do not reuse or refill this container. Triple 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.

MANUFACTURED BY (FOR):

Troy Chemical Corp.

One Avenue L

Newark, N.J. 07105

AK.03072019