



U.S. ENVIRONMENTAL PROTECTION AGENCY

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

EPA Reg. Number:

103970-1

Date of Issuance:

10/15/25

NOTICE OF PESTICIDE:

☒ Registration  
☐ Reregistration  
(under FIFRA, as amended)

Term of Issuance:

Conditional

Name of Pesticide Product:

HS Glut50 M

Name and Address of Registrant (include ZIP Code):

Patrick Sullivan  
Delta Analytical Corporation  
High Sierra Chemical LLC  
Electronic Transmittal: [psullivan@delta-ac.com](mailto:psullivan@delta-ac.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:

10/15/25

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. 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. 103970-1."

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 1/27/2025

If you have any questions, please contact Kasey Chambers via email at [chambers.katelyn@epa.gov](mailto:chambers.katelyn@epa.gov).

Enclosure: Stamped final label

## ***HS Glut50 M***

FOR USE BY MANUFACTURERS FOR FORMULATING PESTICIDE PRODUCTS.  
FORMULATORS USING THIS PRODUCT ARE RESPONSIBLE FOR PROVIDING DATA FOR  
THE EPA REGISTRATION OF THEIR FORMULATED PRODUCTS.

Active Ingredient:

Glutaraldehyde.....50%

Inert Ingredients:.....50%

TOTAL.....100%

E.P.A. Registration No. 103970-X

E.P.A. Est. No.

**ACCEPTED**

**10/15/2025**

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

**103970-1**

### **KEEP OUT OF REACH OF CHILDREN DANGER DANGER/PELIGRO**

**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)**

[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.]

<b>FIRST AID</b>	
<b>IF IN EYES</b>	<ul style="list-style-type: none"><li>● Hold eyes open and rinse slowly and gently with water for 15-20 minutes.</li><li>● Remove contact lenses, if present, after the first minutes, then continue rinsing eye.</li><li>● Call a poison control center or doctor for treatment advice.</li></ul>
<b>IF ON SKIN OR CLOTHING</b>	<ul style="list-style-type: none"><li>● Take off contaminated clothing.</li><li>● Rinse skin immediately with plenty of water for 15-20 minutes.</li><li>● Call a poison control center or doctor for treatment advice.</li></ul>
<b>IF INHALED</b>	<ul style="list-style-type: none"><li>● Move person to fresh air.</li><li>● If person is not breathing, call 911 or an ambulance, and then give artificial respiration, preferably by mouth-to-mouth, if possible.</li><li>● Call a poison control center or a doctor for further treatment advice.</li></ul>
<b>IF SWALLOWED</b>	<ul style="list-style-type: none"><li>● Call a poison control center or doctor immediately for treatment advice.</li><li>● Have person sip a glass of water if able to swallow.</li><li>● Do not induce vomiting unless told to do so by a poison control center or doctor.</li><li>● Do not give anything by mouth to an unconscious person.</li></ul>
Have product container or label with you when calling a poison control center or doctor or going for treatment.	
<b>HOT LINE NUMBER</b>	
For information on this pesticide product (including general health concerns or pesticide incidents), call the National Pesticide Information Center at 1-800-858-7378, Monday through Friday, 8:00 AM to 12:00 PM Pacific Standard Time. In the event of a medical emergency, call your poison control center at 1-800-222-1222	

### NOTE TO PHYSICIAN

Inhalation, ingestion or aspiration may cause lung or G-I 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.

## Precautionary Statements

### Hazards To Humans and Domestic Animals

**DANGER. CORROSIVE.** Causes Irreversible Eye Damage And Skin Burns. May Be Fatal If Inhaled Or Swallowed. Harmful If Absorbed Through Skin. Do Not Get in Eyes, On Skin, Or On Clothing. Do Not Breathe Vapor or Spray Mist. Prolonged Or Frequently Repeated Skin Contact May Cause Allergic Skin Reaction in Some Individuals. Causes Asthmatic Signs and Symptoms in Hyper-Reactive Individuals. 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. Wear the proper Personal Protective Equipment as specified below:

### Personal Protective Equipment (PPE)

Mixers, loaders, applicators, and other handlers must wear long-sleeve shirt, long pants, shoes, socks, and a chemical-resistant apron.

Applicators and other handlers must wear:

- Goggles, face shields, or safety glasses
- Coveralls over long-sleeved shirt and long pants
- Socks and chemical resistant footwear
- Chemical-resistant gloves (such as butyl rubber  $\geq 14$  mils, or Nitrile rubber  $\geq 14$  mils; or Viton  $\geq 14$  mils)
- Wear a minimum of a NIOSH-approved elastomeric half mask respirator with organic vapor (OV) cartridges and a combination N, 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.

### 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 manufacturers' instructions for cleaning & maintaining PPE. If no such instructions exist for washables, use detergent and hot water. Keep and wash PPE separately from other laundry. Users must remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. Users must remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

## 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 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.

## STORAGE AND DISPOSAL

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

**Storage:** To maintain product quality, store at temperatures below 80 °F (26.7 °C) Keep container tightly closed when not in use.

**Handling:** *HS Glut50 M* is incompatible with many commonly used materials of construction such as steel, galvanized iron, aluminum, tin, and zinc. *HS Glut50 M* can be stored and handled in baked phenolic-lined steel, polyethylene, stainless steel, or reinforced epoxy-plastic equipment. This product freezes at about 16 °F (-9°C). Therefore, unless the storage tank is inside or underground, heating and insulation may be required. If heating is needed, 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.

A stainless steel centrifugal pump is suggested for transfer service. Spiral-wound stainless steel with TEFLON® Polymer is suitable for gaskets and packing.

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) may be required.

**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

*Option - labels for non-refillable rigid containers of all sizes*

**Nonrefillable 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.

*Option - labels on refillable rigid containers of all sizes*

**Refillable Container:** Refill this container with pesticide only. Do not reuse this container for any other purpose. Cleaning of 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 container before final disposal, empty contents into application equipment and triple rinse. Pour or pump rinsate into application equipment or rinsate collection system. Then offer for recycling if available, or puncture and dispose of in a sanitary landfill, or by incineration, or by other procedures allowed by state and local authorities.

## DIRECTIONS FOR USE

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

FOR USE BY MANUFACTURERS IN FORMULATING PESTICIDE PRODUCTS. Formulators using this product are responsible for obtaining EPA registration of their formulated product and for providing any data needed to secure and maintain their product registration.

### **For use in formulating pesticide products for the following applications:**

- Industrial or Commercial Recirculating Cooling Water Systems
- Service Water and Auxiliary Systems
- Air-Washer Systems
- Ultra Filtration and Non-Medical/Non-Potable Reverse Osmosis Membrane Systems
- Industrial Wastewater Systems
- Beet Sugar Mills and Beet Sugar Mill Process Water Systems
- Paper Mills and Paper Mill Process Water Systems
- Pigments and Filler Slurries for Paper and Paperboard
- Water Based Coatings for Paper and Paperboard
- Aqueous Metalworking Fluids
- Water Based Conveyor Lubricants
- Household, Institutional and Industrial Products such as detergents, cleaners, polishes and wipes
- Preservative for Concentrates
- Reverse Osmosis Membranes Element Preservation
- Concrete Admixtures
- Chemical Toilets
- Oil and Gas Production applications such as:
  - Drilling, Completion, and Workover Fluids
  - Packer Fluids
  - Fracturing Fluids
  - Water Floods and Enhanced Oil Recovery Fluids
  - Injection Waste Fluids
  - Oil and Gas Water Storage and Transmission Systems
  - Gas Storage Wells and Systems
  - Hydrotesting
  - Pipeline Pigging and Scraping Operations
  - Hydrocarbon Production, Storage and Transmission Systems
- Non-Food Contact Surfaces, Farm, Animal and Poultry Housing Facilities and Equipment
- Non-Food Contact Surfaces, Industrial Equipment and Buildings
- This product may also be used to formulate products for specific use(s) not listed on this MUP label if the formulator, user group, or grower has complied with the U.S. EPA data submission requirements regarding the support of such use(s).

**Notice:** Seller warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated on the label when used in strict accordance with the Directions. SELLER MAKES NO OTHER EXPRESS OR IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR ANY OTHER EXPRESS OR IMPLIED WARRANTY.

NET WT:

Lot:

(Produced For) (Manufactured For) (Produced By) (Manufactured By) [*used when manufactured by contract manufacturer*]

High Sierra Chemical LLC  
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Dallas, Texas 75201