UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

December 3, 2018

Georgia Anastasiou
Agent for Halosil International, Inc.
Halosil International, Inc.
c/o Lewis & Harrison
122 C St NW, Suite 505
Washington, DC 20001

Subject: Label Amendment – Change Primary Brand Name, Add New Use Directions, Update Contact Information, Minor Label Changes
Product Name: HaloC50
EPA Registration Number: 84526-3
Application Date: 05/25/2018
Decision Number: 541685

Dear Ms. Anastasiou:

The amended label referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act, as amended, is acceptable. This approval does not affect any conditions that were previously imposed on this registration. You continue to be subject to existing conditions on your registration and any deadlines connected with them.

A stamped copy of your labeling is enclosed for your records. This labeling supersedes all previously accepted labeling. You must submit one copy of the final printed labeling before you release the product for shipment with the new labeling. In accordance with 40 CFR 152.130(c), you may distribute or sell this product under the previously approved labeling for 18 months from the date of this letter. After 18 months, you may only distribute or sell this product if it bears this new revised labeling or subsequently approved labeling. "To distribute or sell" is defined under FIFRA section 2(gg) and its implementing regulation at 40 CFR 152.3.

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.

Your release for shipment of the product constitutes acceptance of these conditions. If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6. If you have any questions, please contact Jake Farley by phone at (703)347-0123, or via email at Farley.jake@epa.gov.

Sincerely,

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

Enclosure

(Note: Bold, italicized text is information for the reader and is not part of the label).

HaloC50

For Microbial Control in Recirculating Cooling Water Systems

Active Ingredients:
Hydrogen Peroxide..... 50.00%
Silver..... 0.05%
Other Ingredients..... 49.95%
Total..... 100.00%

ACCEPTED
Dec 03, 2018
Under the Federal Insecticide, Fungicide and Rodenticide Act as amended, for the pesticide registered under EPA Reg. No. 84526-3

KEEP OUT OF REACH OF CHILDREN
DANGER

See [back] [side] [right] [left] panel for additional precautionary statements.

Net Contents: (as indicated on container)
EPA Reg. No. 84526-3

EPA Est. No. (as indicated on container)

[See bottom or side for Lot/Data code]

Questions? Comments? [symbol of telephone]
Call: (1-302-454-8102)
[or] Visit us at www.halosil.com)
Made in USA
Distributed by: Halosil International Inc, 91 Lukens Drive, New Castle Delaware 19720
[or an authorized Halosil International distributor (insert name)]

For emergencies call CHEMTREC® 1-800-424-9300

PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

Danger. Corrosive. Causes irreversible eye damage and skin burns. Harmful if swallowed. Do not get in eyes, on skin or on clothing. Wear protective eyewear such as goggles, face shield or safety glasses and protective clothing (long-sleeved shirt and long pants, socks, rubber gloves and chemical resistant footwear). Wash thoroughly with soap and water after handling and before eating, drinking or using tobacco. Remove and wash contaminated clothing before reuse.

FIRST AID

If in eves: 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: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment.

If swallowed: call a poison control center or doctor immediately for treatment advice. Have a 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 to an unconscious person.

NOTE TO PHYSICIAN: Probably mucosal damage may contraindicate the use of gastric lavage.

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.

(If container size is 5 gallons or larger, use the following Environmental Hazards statement).

ENVIRONMENTAL HAZARDS

Do not discharge effluent containing this product into lakes, streams, 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.

PHYSICAL AND CHEMICAL HAZARDS

This product is incompatible with oxidizing and reducing agents.

Optional Marketing Claims: (note that these claims may or may not appear on the commercial label: in addition, the claims may be used as bullet points or in a paragraph format)

Miscellaneous Claims

Easy, Effective
Controls Biofilm* in Cooling Water Systems *non-public health
Versatile Formula
Controls bacteria, algae, fungi, and slime in cooling water systems.
Contains hydrogen peroxide, which breaks down into water and oxygen.

DIRECTIONS FOR USE: It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Read the entire label before using the product.
HaloC50 must be applied to water systems using a closed dosing system, such as a dosing pump which connects the HaloC50 container to the water system. Do not open pour HaloC50 into water systems.

Air Washers and Recirculating Cooling Water Systems

1. Severely fouled systems should be cleaned prior to treatment.
2. Add HaloC50at a point in the system where uniform mixing can be achieved. Addition may be intermittent or continuous.

- Intermittent (Slug Dose): For severely fouled systems, add 5 to 15 fl. oz of HaloC50 per 1000 gallons of water in the system (40 to 120 ppm). Repeat until control is achieved. When control is evident, add 2 to 6 fl. oz. of HaloC50 per 1000 gallons in the system (15 to 45 ppm) as needed to maintain control.
- Continuous feed - Initial Dose: If the system is noticeably fouled use, slug dose procedure for the initial treatment. Once control is achieved, continuously feed of 2 to 6 fl. oz of HaloC50 per 1000 gallons of water (15 to 45 ppm) per day in the system. Dosage rates should be increased or decreased depending on the extent of biofouling and control achieved.

Pasteurizer Cooling Water Systems

HaloC50 may be used for control of slime, bacteria, fungi, and other microorganisms in brewery and other pasteurizer systems and warmers at the same application rates and in same manner as described above. The solution should be added to be the closed recirculating system at a point where uniform mixing can be achieved, e.g., basin, sump, or collection areas.

Biofouling Control in Pulp and Paper Mill Systems

For use in the manufacture of paper and paperboard intended for non-food contact only.
Not for use in the manufacture of paper and paperboard intended for food contact. This product may be used to control bacterial, fungal and yeast growth in pulp, paper and paperboard mills.

1. Severely fouled systems should be cleaned prior to treatment with HaloC50. Add HaloC50 directly to the system; don't mix with other chemicals or additives without first testing for compatibility. Contamination with other chemicals could result in product decomposition.
2. Add HaloC50 at a point in the system where it can be mixed uniformly with the pulp, e.g. the beater, hydropulper, fan pump, broke pump, etc.
3. Apply 1 to 52 fl oz of HaloC50 per ton of pulp (dry basis) in paper produced, (10 to 500

ppm). Addition may be continuous or intermittent depending on the type of system and severity of the biofouling.

CLEANING POULTRY & LIVESTOCK DRINKING WATER LINES

1. For drinking water lines 500 feet in length or less, using water holding tanks, make a 3% HaloC50 stock solution by mixing 3 gallons of HaloC50 with 97 gallons of water.
2. For drinking water lines exceeding 500 feet in length, using holding tanks, make a 3% HaloC50 stock solution by mixing 6 gallons of HaloC50 with 194 gallons of water.
3. Pump the 3% HaloC50 stock solution, completely filling the drinking water lines.
4. If the drinking water lines are not supplied by water from holding tanks, you may either prepare a 3% HaloC50 stock solution in a 50 gallon tank by mixing one and one-half (1&1/2) gallons of HaloC50 with forty-eight (48.5) gallons of water, pumping this solution into the water line, repeating this process as often as needed, until water line is filled or you may fill the water line, using a proportioner, set to inject undiluted HaloC50 at a rate of 1:33 (3%).
5. After the waterline is filled with the 3% HaloC50 solution, activate nipple drinkers to insure solution contact with drinkers.
6. Allow the 3% HaloC50 solution to remain in the water lines for 24 - 48 hours.
7. Flush lines with fresh water until water is visibly clear.

Commercial AGRICULTURAL OR INDUSTRIAL water system injection for the oxidization of odors when they form:

In well systems, the HaloC50 is injected with a peristaltic pump through a ¼ inch plastic tube (or other comparable injection system) inserted into the well all the way to the well intake screens. The most distant faucet is tested with a supplied test strip until a residual of 25-50 ppm hydrogen peroxide is detected indicating that the system has been thoroughly treated. The injection pump should then be adjusted to deliver 25 ppm on a consistent basis to the water system.

When treating the watering system for sick animals, the most distant faucet is tested with a test strip until a residual of 100-1,000 ppm hydrogen peroxide is detected indicating that the system has been thoroughly treated. When this level is reached the injection is immediately reduced until the test strip indicates the 25 ppm is reached and the system is maintained at the 25 ppm level. This process can be repeated monthly to ensure a clean water system and avoid screen clogging

STORAGE AND DISPOSAL

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

Pesticide Storage: Keep out of direct sunlight and away from heat. Do not freeze. Store in original container in areas inaccessible to small children and pets.
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:
Plastic(Note to Reviewer: One of the following statements will be used)
Nonrefillable container. Do not reuse or refill this container unless the directions for use allow to refill empty container with this product.
-or-
Nonrefillable container. Do not reuse or refill this container.

[Container 5 gallons or less]
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.

[Container larger than 5 gallons]
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.

If product leaking or spills should occur, please dilute with water and dry with absorbent material, or dilute with water as it is flushed into waste water drain. Then offer for recycling if available or puncture and dispose of in a sanitary landfill, or by incineration.(Contains no phosphorous)