



OFFICE OF CHEMICAL SAFETY AND POLLUTION PREVENTION

WASHINGTON, D.C. 20460

October 20, 2025

SENT BY EMAIL

David Swain
david.swain@srcconsultants.com
ALBEMARLE CORPORATION

Subject: Labeling Notification per Pesticide Registration Notice (PRN) 98-10 - Updating the Storage and Disposal
Product Name: MAXXIS BIOCIDES
Admin Number: 3377-79
EPA Receipt Date: 04/28/2025
Action Case Number: 00654577

Dear David Swain:

The U.S. Environmental Protection Agency is in receipt of your application for notification under Pesticide Registration Notice 98-10 for the above referenced product. The EPA has conducted a review of this request for its applicability under PRN 98-10 and finds that the action requested falls within the scope of PRN 98-10.

The labeling submitted with this application has been stamped "Notification" and will be placed in our records.

Should you wish to add/retain a reference to your 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 EPA. If the website is false or misleading, the product will be considered to be misbranded and sale or distribution of the product is unlawful under FIFRA section 12(a)(1)(E). 40 CFR § 156.10(a)(5) lists examples of statements the 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 EPA find or if it is brought to our attention that a website contains statements or claims substantially differing from statements or claims made in connection with obtaining a FIFRA section 3 registration, the website will be referred to the EPA's Office of Enforcement and Compliance Assurance.

If you have questions, please contact Aline Heffernan via email at heffernan.aline@epa.gov.

Sincerely,

Aline Heffernan, Senior Regulatory Advisor
RMB1, AD
Office of Pesticide Programs

MAXXIS® BIOCIDES

FOR USE AS A FUNGICIDE, ALGICIDE, SLIMICIDE AND MICROBIOCIDES IN RECIRCULATING COOLING AND PROCESS WATER SYSTEMS, HEAT TRANSFER SYSTEMS, AIR WASHERS AND INDUSTRIAL SCRUBBING SYSTEMS, CONTAINERIZED PONDS AND DECORATIVE FOUNTAINS, INDUSTRIAL ONCE-THROUGH COOLING WATER SYSTEMS, PULP AND PAPER MILLS, WASTEWATER SYSTEMS CONTROLS BIOFILM DEPOSITS FROM PUMPS, PIPEWORK, HEAT EXCHANGERS, AND FILTERS ASSOCIATED WITH INDUSTRIAL WATER TREATMENT SYSTEMS

ACTIVE INGREDIENTS

Sodium bromosulfamate, sodium chlorosulfamate, potassium bromosulfamate
and potassium chlorosulfamate25%

OTHER INGREDIENTS.....75%

TOTAL.....100%

NOTIFICATION

3377-79

The applicant has certified that no changes, other than those reported to the Agency have been made to the labeling. The Agency acknowledges this notification by letter dated:

10/20/2025

Total Halogen (calculated as bromine =approximately 21%)
(calculated as chlorine = approximately 9%)

KEEP OUT OF REACH OF CHILDREN
DANGER/PELIGRO

FIRST AID

Have the product container or label with you when calling a poison control center or doctor, or going for treatment.

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

If swallowed: Call a poison control center or doctor immediately for treatment advice. 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.

NOTE TO PHYSICIAN: Probable mucosal damage may contraindicate the use of gastric lavage. See side panel for additional precautionary statements.

ALBEMARLE CORPORATION
4250 CONGRESS STREET, SUITE 900
CHARLOTTE, NC 28209

In case of an emergency endangering life or property involving this product, call collect (225) 344-7147.

EPA Reg. No. 3377-79

EPA Est. 3377-AR-1, 42403-TX-1

Net Contents: _____

Batch number: _____

(Note to reviewer: The following text will be included if more than one EPA Est. No. is listed on the market label:)

Beginning of batch code indicates Est. No.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

DANGER Corrosive. Causes irreversible eye damage and skin burns. Do not get in eyes on skin or on clothing. Wear protective eyewear (chemical goggles or face shield), protective clothing and rubber gloves resistant to chemical permeation. Harmful if swallowed, or absorbed through the skin. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash clothing before reuse

ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish and aquatic organisms. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans, or public 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 to sewer systems without previously notifying the sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA. Apply this pesticide only as specified on the label.

PHYSICAL AND CHEMICAL HAZARDS

MAXXIS BIOCID is not flammable. This product is strongly basic and an oxidizing agent. Avoid contact with organic materials such as alcohols and aldehydes, strong reducing agents, strong oxidizers, acids, and ammonia containing products. Avoid contact with common metals such as steel, aluminum, iron and copper. Use of incompatible materials can promote the exothermic decomposition of the product. In extreme cases, this could result in vigorous gas formation and over-pressurization of storage containers.

DIRECTIONS FOR USE

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

When used as directed, MAXXIS BIOCID effectively controls bacteria, fungi, algae and slime in commercial and industrial water systems. MAXXIS BIOCID can also be used to control biofilm deposits from pumps, pipework, heat exchangers, and filters associated with industrial water treatment systems.

MAXXIS BIOCID may be added at system inlet water or other locations in the system at a point of uniform mixing where the treated water will be circulated or mixed throughout the system. Badly fouled systems should be cleaned before treatment begins. The product may be applied to the system either continuously or intermittently (slug dose) or as needed to obtain the recommended total bromine level. The frequency of feeding and dosage rate will depend upon the severity of the problem.

INITIAL DOSES: When the system is noticeably fouled, apply sufficient MAXXIS BIOCID to achieve a total bromine level of 4 - 10 ppm or as needed to maintain control. Applying 2.5 fluid ounces to 1000 gallons of water yields a maximum of 6.2 ppm of total bromine.

SUBSEQUENT DOSES: When microbial control is evident, apply sufficient MAXXIS BIOCID to achieve a total bromine level of 4 - 10 ppm or as needed to maintain control.

Treatment levels of MAXXIS BIOCID can best be measured with test kits for either bromine or chlorine. Tests should be made immediately after drawing water samples from the system. Use test kits according to directions. When a bromine test kit is used, results can be read directly as ppm bromine. When a chlorine test kit is used, results can be expressed in terms of bromine by multiplying chlorine values by the conversion factor 2.25.

RECIRCULATING COOLING AND PROCESS WATER SYSTEMS

When used as directed, MAXXIS BIOCID effectively controls bacteria, fungi, algae and slime in commercial and industrial cooling towers; heat exchange water towers, evaporative condensers, utility plant cooling systems, industrial water scrubbing systems, and influent systems such as flow through filters, lagoons, etc.

MAXXIS® BIOCID

HEAT TRANSFER SYSTEMS

For control of bacteria and fungi in heat transfer systems such as hydrostatic sterilizers and retorts, pasteurizers and warmers, and batch and continuous cookers.

Not for use in heat transfer systems in the State of California.

AIR WASHERS AND INDUSTRIAL SCRUBBING SYSTEMS

Use only in industrial air washer systems that have mist-eliminating components. For control of microorganisms in industrial air washer or scrubbing systems add sufficient MAXXIS BIOCID to the air washer sump or chill water. MAXXIS BIOCID should be applied to achieve a total bromine level of 4- 10 ppm or as needed to maintain control. Sampling of the treated systems should be at the bleed-off point and total bromine residuals determined with an appropriate test kit.

Not for use in air washers and industrial scrubbing systems in the State of California.

CONTAINERIZED PONDS AND DECORATIVE FOUNTAINS

MAXXIS BIOCID may be applied at the pond or fountain inlet or at a location that permits complete diffusion into the water at maximum retention time before reaching the outlet. Sufficient MAXXIS BIOCID should be fed to maintain a total bromine level of 4 - 10 ppm in all parts of the pond or fountain, or as needed to maintain control.

Not for use in containerized ponds and decorative fountains in the State of California.

INDUSTRIAL ONCE-THROUGH COOLING WATER SYSTEMS

When used as directed, MAXXIS BIOCID effectively controls bacteria, fungi, algae and slime in oncethrough and closed-cycle fresh and sea water cooling systems. Apply MAXXIS BIOCID to the system inlet water or before any other contaminated area in the system.

Not for use in industrial one-through cooling water systems in the State of California.

PULP AND PAPER MILLS

When used as directed, MAXXIS BIOCID effectively controls algal, bacterial, and fungal slime in pulp and paper mill fresh and sea water influent water systems, cooling water systems, wastewater treatment systems, nonpotable water systems, whitewater systems and other process water. The product may be applied to the system either continuously or intermittently (slug dose) or as needed to obtain the recommended total bromine level.

DOSAGE RATES: Add sufficient MAXXIS BIOCID to achieve a residual bromine level of 4 - 10 ppm or as needed to maintain control of the system.

Feed MAXXIS BIOCID directly into the water to be treated. Be sure rapid mixing of the treated water, and MAXXIS BIOCID is achieved. Pump manufacturers can recommend the appropriate materials of construction and capacity for a pump to feed MAXXIS BIOCID.

Not for use in pulp and paper mills in the State of California.

WASTEWATER SYSTEMS

When used as directed, MAXXIS BIOCID controls microorganisms in wastewater systems. The quantity of MAXXIS BIOCID required varies with the degree of fouling. Add sufficient MAXXIS BIOCID to achieve residual bromine levels of 3 - 10 ppm, or as needed to maintain control, when measured approximately 5 minutes after treatment. Applying 2.5 fluid ounces to 1000 gallons of water yields a maximum of 6.2 ppm of total bromine. Higher dosages may be necessary depending up on the system. The product may be applied to the system either continuously or intermittently (slug dose) or as needed to obtain the recommended total bromine level.

Depending on the construction of the wastewater system, MAXXIS BIOCID may be effectively added to one or more different locations in the system. Frequently the compound is added to wastewater receiving secondary treatment as a contact tank preceding the effluent discharge at the influent of the final clarifier.

Not for use in wastewater in the State of California.

STORAGE AND DISPOSAL

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

STORAGE: Avoid freezing, excessive heat or exposure to light, especially direct sunlight. If heating is necessary to prevent freezing, care must be taken to prevent overheating. The average product temperature should be maintained below 110° F. Temperature monitoring is recommended. At elevated temperatures, self-heating can lead to vigorous gas generation and over-pressurization of storage containers.

STORAGE CONTAINER: Vented and opaque containers: The product should be stored in vented containers as pressure can build-up in the headspace (nitrogen). To maximize product shelf life, store in opaque containers in a cool, dry, well-ventilated area.

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: [15, 30 and 55 gallon drums] Nonrefillable container. Do not reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying. Offer for reconditioning if appropriate.

Triple rinse as follows: Empty remaining contents into application equipment or a mix tank. Fill the container 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. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times.

CONTAINER DISPOSAL: [275-300 gallon tote or IBC] Nonrefillable container. Do not reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying. Offer for reconditioning if appropriate.

Triple rinse as follows: Empty the remaining contents from this container into application equipment or a mix tank. Fill the 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.

[The following statement will be used on labels for tank trucks]

Do not rinse or clean the tank after unloading the contents. Release the tank truck for return to Albemarle Corporation.

[The following statements will be used on labels for stationary tanks]

Refillable container. Refill this container with like pesticide products. Do not reuse this container for any other purpose,

CONTAINER DISPOSAL: Cleaning the container before final disposal is the responsibility of the person disposing of the container. To clean the container before final disposal, empty the remaining contents from this container into application equipment or a mix tank. Fill the 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.

MAXXIS® BIOCIDES

OPTIONAL LABEL STATEMENTS:

Single-feed, stabilized liquid bromine biocide with optimized level of active ingredient.

Liquid, single feed stabilized bromine chloride biocide with an optimized level of active ingredient and formulated for the unique requirements of high-volume, large-scale industrial use.

This product has been formulated for the unique requirements of high-volume

{Optional graphics}

