



OFFICE OF CHEMICAL SAFETY AND POLLUTION PREVENTION

WASHINGTON, D.C. 20460

May 4, 2026

Kathryn Rosario
Agent for Troy Chemical Corporation
Senior Regulatory Specialist, Arxada
Electronic Transmittal: kathryn.rosario@axada.com

Subject: Label Amendment – Polixetonium Chloride (Busan 77)
Registration Review Interim Decision Risk Mitigation
Product Name: Troyshield B60
EPA Registration Number: 5383-199
Received Date: March 12, 2022
Action Code Case Number: 00689239

Dear Kathryn Rosario:

The amended label referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA), 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.

The Agency, in accordance with the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA), as amended, has completed reviewing all of the information submitted with your application to support the Registration Review of the above referenced product in connection with the Polixetonium Chloride (Busan 77) Interim Decision, and has concluded that your submission is acceptable.

A stamped copy of your labeling is enclosed for your records. This labeling supersedes all previously accepted labeling and must be used at your next label printing. Pursuant to 40 CFR 156.10(a)(6) 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 12 months from the date of this letter. After 12 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 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) 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, 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 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 Jessie Bailey by phone at 202-566-0605, or via email at bailey.jessica@epa.gov.

Sincerely,



Kimberly Whitesell
Senior Environmental Protection Specialist
Reevaluation Branch
Antimicrobials Division (7510P)
Office of Pesticide Programs

Enclosure: Stamped Label

**PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

CAUTION

Causes moderate eye irritation. Harmful if swallowed or absorbed through the skin. Avoid breathing vapors. Avoid contact with skin, eyes or clothing. Wear chemical-resistant eyewear. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet. Remove and wash clothing before reuse.

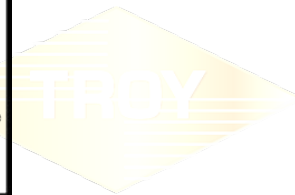
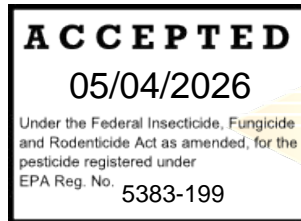
FIRST AID	
IF IN EYES:	<ul style="list-style-type: none"> • Hold eye open and rinse slowly and gently with cold water for 15-20 minutes. • Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye for other 15-20 minutes. • Call a poison control center or doctor for treatment advice.
IF ON SKIN OR CLOTHING:	<ul style="list-style-type: none"> • Take off contaminated clothing. • Rinse skin immediately with plenty of water for 15-20 minutes. • Call a poison control center or doctor for further treatment advice.
IF SWALLOWED:	<ul style="list-style-type: none"> • Call a poison control center or doctor immediately for treatment advice. • Have person drink 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.
IF INHALED:	<ul style="list-style-type: none"> • Move person to fresh air. • If person is not breathing call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth if possible. • Call a poison control center or doctor for further treatment advice.
HOT LINE NUMBER:	
Have the product container with you when calling a poison control center or doctor, or going for treatment. For chemical emergency assistance (spill, leak, fire or accident) call CHEMTREC at 1-800-424-9300.	

TROYSHIELD® B60

Industrial Microbiocide/Fungicide/Algaecide for use in Air Washers and Industrial Scrubbing Systems, Cutting Fluids, Non-Potable Industrial Fresh Water Systems, Paper Manufacture and Recirculating Cooling and Process Water Systems.

EPA Reg. No.	5383-199
EPA Establishment Number	5383-NJ-1

ACTIVE INGREDIENT: % Weight
Poly(oxyethylene(dimethyliminio)ethylene(dimethyliminio)ethylene dichloride).....**60.0%**
INERT INGREDIENTS**40.0%**
TOTAL**100.0%**



KEEP OUT OF REACH OF CHILDREN

CAUTION

See Side Panel for Additional Precautionary Statements

**IN CASE OF EMERGENCY:
CALL 1-800-424-9300**

Net Weight:

Manufactured for:

**Troy Chemical Corporation
One Avenue L, Newark, N.J. 07105**

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 other waters unless in accordance with the requirements of a National Pollutant Discharge Eliminations 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 Environmental Protection Agency.

DIRECTIONS FOR USE

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

Troyshield B60 is used to control algae, bacteria and fungi in cooling water and industrial process water systems and to inhibit the growth of bacteria that causes degradation of cutting fluids.

AIR WASHERS AND INDUSTRIALSCRUBBING SYSTEMS

Troyshield B60 is used to control bacteria in industrial water washing systems that maintain effective mist eliminating components. Prior to its use, systems must be cleaned to remove bacterial slime and other deposits. An initial slug addition of 3.33 to 5.55 fluid ounces of Troyshield B60 per 1,000 gallons of water is required. Repeat initial dosage until control is evident. Subsequent slug additions of 2.25 to 5.55 fluid ounces of Troyshield B60 per 1,000 gallons of water must be employed every 1 to 5 days or as needed. The frequency of addition depends on the relative amount of bleed-off and the severity of the bacterial problem. Slug additions must be made in the sump or to the water collecting trays of the air wash system.

CUTTING FLUIDS

Polixetonium chloride may only be applied to metalworking fluids that will be in enclosed and automated systems. For preservation of cutting fluids, 0.01 to 0.1% of Troyshield B60, based on the total weight of the diluted cutting fluid is required. In some cases, Troyshield B60 may be added to the concentrated fluids, and the amounts of Troyshield B60 added then must be such that concentrations of 0.01 to 0.1% are obtained when the fluid is diluted with water for use in metalworking operations. For continued protection, the treatment of diluted cutting fluid must be repeated every four weeks. More frequent treatment may be necessary if excessive contamination of the particular cutting fluid system occurs.

See accompanying product information sheet for additional rates and directions for use.

STORAGE AND DISPOSAL

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

STORAGE: Keep container closed when not in use.

PESTICIDE DISPOSAL: Pesticide wastes may be 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: Non-refillable container. Do not reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows:

For containers > 5 gallons in size – Empty the 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. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times. Then offer for recycling if available or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.

Refillable Plastic container> 55 gallons– Refill this container with pesticide only. Do not reuse this container for any other purpose. Cleaning 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: Empty the remaining contents into application equipment or a mix tank. Use a pressure wash system that rinses all interior sides with water and that is rate at >40 psi and >120F. Pressure wash container for a length of time that ensures that a minimum 25% of the container volume of water is used. During the pressure wash, ensure that the container valve is left open for continuous draining. Collect the rinsate and empty into application equipment or a mix tank or store rinsate for later use or disposal. Allow container to drain for 10 minutes after pressure wash is completed.



Product Information Sheet

TROYSHIELD® B60, EPA Reg. No. 5383-199

This document must accompany each shipment of TROYSHIELD B60

DIRECTIONS FOR USE

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

Applicators must develop a system management plan for achieving control of fouling with minimal amount of product required. Contact your distributor for assistance in developing a system management plan. The amount of product required will depend on the nature and extent of contamination, quality of the makeup water and the degree of control required. Badly fouled systems must be cleaned before treatment is to begin.

NON-POTABLE INDUSTRIAL FRESH WATER SYSTEMS

Troyshield B60 is used to control the growth of algae, bacteria and fungi in holding and process tanks of industrial fresh water systems supplying water to pulp and paper mills, and other manufacturing plants. In such systems, it is employed as a replacement for or supplement to the conventional treatment with chlorine or chlorine compounds. In pulp and paper mills, treatment of the fresh water with Troyshield B60 makes an important contribution to slime control. The use of Troyshield B60 as described, reduces the development of slime in fresh water pipes, fresh water spraying nozzles, and on the pulp and paper mill machine parts contacted by fresh water. However, do not use Troyshield B60 as the primary microbiocide for pulp and paper slime control since absorbents such as wood pulp rapidly absorb the product and greatly reduce its concentration in the circulating water.

Troyshield B60 is added at the rate of 1 to 11 fluid ounces of Troyshield B60 per 10,000 gallons of water to provide a concentration of 1 to 10 ppm Troyshield B60. Treatment is usually made continuously and must be based on the amount of water entering the immediate processing operations. In some cases, regular treatment periods of several hours each day will provide adequate control of the microorganisms. **The treated water must not be used in paper and paperboard that will contact food.**

PAPER MANUFACTURE

Troyshield B60 will retard microbial growth that causes degradation of cooked starch used in paper manufacture. Add Troyshield B60 at a rate of 25-250 ppm based on the total weight of the starch and water. The treatment rate necessary to retard spoilage of the starch will vary with the extent of contamination of the make-up water and the length of storage.

NOTE: Do not use in paper and paperboard that will contact food.

RECIRCULATING COOLING AND PROCESS WATER SYSTEMS

Prior to using Troyshield B60 in cooling towers, systems must be cleaned to remove algal growth, microbiological slime, and other deposits. Then make an initial slug addition of 0.9 to 2.2 fluid ounces of Troyshield B60 per 1,000 gallons of water to provide 8 to 20 ppm Troyshield B60 based on the total weight of water in the system. Repeat initial dosage until control is evident. Make subsequent slug additions of 0.2 to 2.2 fluid ounces of Troyshield B60 per 1,000 gallons of water (2 to 20 ppm) every 2 to 5 days or as needed. The frequency of addition depends on the relative amount of bleed-off and the severity of the microbiological problem. Slug additions must be made in the sump of cooling water towers.

Manufactured For:
TROY CHEMICAL COMPANY
One Avenue L
Newark, N.J. 07105