



OFFICE OF CHEMICAL SAFETY AND POLLUTION PREVENTION

WASHINGTON, D.C. 20460

September 2, 2026

Adrian Krygsman
Director, Product Registration
Troy Corporation
Electronic Transmittal: Adrian.Krygsman@Arxada.com

Subject: Label Amendment – Changes Required by the Carbendazim Interim Registration
Review Decision
Registration Review Interim Decision Risk Mitigation
Product Name: Polyphase 678
EPA Registration Number: 5383-110
Received Date: 2/28/2025
Action Code Case Number: 00650681

Dear Adrian Krygsman:

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 Carbendazim 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 Megan Snyderman by phone at 202-566-0639, or via email at snyderman.megan@epa.gov.

Sincerely,



Eric Miederhoff
Chief, Reevaluation Branch
Antimicrobials Division
EPA 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 skin. Avoid contact with skin, eyes, or clothing. Wash thoroughly with soap and water after handling.

PERSONAL PROTECTIVE EQUIPMENT (PPE):

Applicators and other handlers must wear:

- Long-sleeve shirt and long pants,
- Chemical-resistant gloves (such as barrier laminate, nitrile, rubber, neoprene rubber and viton), and
- Shoes plus socks.

FIRST AID	
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. • Do not induce vomiting unless told to do so by the poison control center or doctor. • Have person sip a glass of water if able to swallow. • Do not give anything by mouth to an unconscious person.
Have the product container or label with you when calling a poison control center or doctor, or going for treatment. Emergency Phone Number: 800-424-9300	
NOTE TO PHYSICIAN:	
Probable mucosal damage may contraindicate the use of gastric lavage.	

USER SAFETY RECOMMENDATIONS

Users should:

- Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
- Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Remove personal protective equipment immediately after handling this product. Wash the outside of gloves before removing. As soon as possible wash thoroughly.

Follow manufacturer's 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.

POLYPHASE® 678

A Broad Spectrum Fungistat for use in Paints and Stains, Masonry Coatings**, Adhesives, Caulks and Sealants, Roof Coatings**, Stucco**, Paper Products, Paper Coatings, Inks**, and Joint Cements

ACTIVE INGREDIENT: % Weight
Methylbenzimidazole-2-yl Carbamate15.0%
3-Iodo-2-propynyl butyl carbamate5.0%
INERT INGREDIENTS80.0%
TOTAL.....100.0%



KEEP OUT OF REACH OF CHILDREN

CAUTION

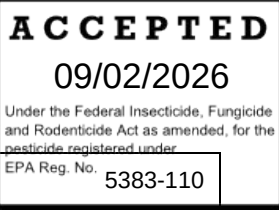
SOLD FOR INDUSTRIAL USE ONLY

See Side Panel for Additional Precautionary Statements

IN CASE OF EMERGENCY:
CALL 1-800-424-9300 (CHEMTREC)

Manufactured for/Manufactured by:

TROY CHEMICAL CORPORATION
One Avenue L,
Newark, N.J. 07105



EPA Registration Number:	5383-110
EPA Establishment Number:	

Net weight: lbs

ENVIRONMENTAL HAZARDS

This chemical is toxic to terrestrial and aquatic plants, fish and aquatic invertebrates. Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high-water mark. Do not contaminate water when cleaning equipment or disposing of equipment wash waters. Do not discharge effluent containing this product into lakes, streams, pond s, 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 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.

DIRECTIONS FOR USE

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling. Do not apply this product in a way that will contact workers or other persons. The application of this product as a material preservative must be accomplished with engineering controls that achieve closed loading. The following are use levels for Polyphase® 678. Typical use levels given for the various applications indicate the approximate levels for the particular application. All use rates refer to the product Polyphase® 678 as a percentage of the indicated formulation weight. In order to determine the most effective use level for Polyphase® 678 in a given use, field trials are suggested.

Interior and Exterior Paints and Stains	0.5 - 1.66%
Wood protective stain use:	0.3 - 1.5%
Adhesives, caulks, grouts and sealants:	0.3 - 1.33%
Joint cements:	0.5 - 1.33%
**Masonry	0.5 - 1.33%
**Roof coatings	0.7 - 1.66%
**Stucco and EIFS coatings:	0.5 - 1.33%
**Inks:	0.3 - 1.33%

Paper Coatings via application into dry-stack application at a dose rate of 0.05 to 2.0% based on the total weight of the treating solution. Polyphase® 678 is not to be used in for- mulations intended for food contact paper coatings or food contact adhesive uses. This product must only be used in dry-end preservation in pulp and paper processes. Applica- tions through the wet-end of the pulp and paper process are prohibited.
** Not registered for use in State of California.

STORAGE AND DISPOSAL

PESTICIDE STORAGE: Storage between 32°F (0°C) and 90°F (32°C) is recommended.
PESTICIDE DISPOSAL: Do not contaminate water, food or feed by storage and disposal. Pesticide wastes are acutely hazardous. Improper disposal of excess pesticides, spray mixture, or rinsate is a violation of Federal Law. If these wastes cannot be disposed of by use according to label directions, contact your State pesticide or environmental control agency or the hazardous waste representative at the nearest EPA regional office for guidance. Open dumping is prohibited.
CONTAINER DISPOSAL: Nonrefillable container. Do not reuse or refill this container. Clean container promptly after emptying. Triple rinse as follows: 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. 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. Then offer for recycling or reconditioning if available, or puncture and dispose of in a sanitary landfill, or incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.