



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, DC 20460

OFFICE OF  
PREVENTION, PESTICIDES  
AND TOXIC SUBSTANCES

**September 18, 2008**

Auria Trelles  
**Troy Corporation**  
8 Vreeland Road  
P.O. Box 955  
Florham Park, NJ 07932-0955

Subject: **Polyphase 678**  
EPA Registration No.: 5383-110  
Application Date: September 12, 2008  
Receipt Date: September 15, 2008

Dear Ms. Trelles:

This acknowledges receipt of your notification, submitted under the provision of PR Notice 98-10, FIFRA section 3(c) 9.

**Proposed Notification:**

- ~~Minor Label Change: Add the phrase "Produced for/Manufactured for"~~

**General Comment:**

Based on a review of the material submitted, the following comment applies:

The notification is acceptable and a copy has been added to your file for future reference.

Should you have any questions concerning this letter, you may contact me by telephone at (703) 308-6422 or by e-mail at [heyward.adam@epamail.epa.gov](mailto:heyward.adam@epamail.epa.gov) or Stacey Grigsby by telephone at (703) 305-6440 or by email at [grigsby.stacey@epamail.epa.gov](mailto:grigsby.stacey@epamail.epa.gov) during the hours of 8:00 am to 4:00 pm EST. When submitting information or data in response to this letter, a copy of this letter should accompany the submission to facilitate processing.

Sincerely,

A handwritten signature in cursive script that reads "Stacey Grigsby".

Adam Heyward  
Product Manager (34)  
Regulatory Management Branch II  
Antimicrobials Division (7510P)

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Please read instructions on reverse before completing form.

Form Approved, OMB No. 2070-0060, Approval expires 05-31-98

 <b>EPA</b> United States <b>Environmental Protection Agency</b> Washington, DC 20460	<input type="checkbox"/> <b>Registration</b> <input type="checkbox"/> <b>Amendment</b> <input checked="" type="checkbox"/> <b>Other:</b>	OPP Identifier Number <b>296898</b>
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**Application for Pesticide - Section I**

1. Company/Product Number <b>5383-110</b>	2. EPA Product Manager <b>Adam Heyward</b>	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) <b>Polyphase 678</b>	PM# <b>34</b>	
5. Name and Address of Applicant (Include ZIP Code) <b>Troy Chemical Corporation</b> <b>8 Vreeland Road</b> <b>Florham Park, NJ 07932</b> <u>PLEASE SEND ALL CORRESPONDENCE TO</u> <u>"CONTACT POINT" LISTED BELOW</u> <input type="checkbox"/> Check if this is a new address		6. <b>Expedited Review.</b> In accordance with FIFRA Section 3(c)(3) (b)(I), my product is similar or identical in composition and labeling to: EPA Reg. No. _____  Product Name _____


**Section - II**

<input type="checkbox"/> Amendment - Explain below. <input type="checkbox"/> Resubmission in response to Agency letter dated _____ <input checked="" type="checkbox"/> Notification - Explain below.	<input type="checkbox"/> Final printed labels in response to Agency letter dated _____ <input type="checkbox"/> "Me Too" Application <input type="checkbox"/> Other - Explain below
<b>Explanation:</b> Use additional page(s) if necessary. (For Section I and Section II.)  <p style="text-align: center;">Labeling revision notification</p>	

**Section - III**

1. Material This Product Will Be Packaged In:			
Child-Resistant Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No If "Yes" Unit Packaging wgt.    No. per container	Water Soluble Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No If "Yes" Package wgt.    No. per container	2. Type of Container <input type="checkbox"/> Metal <input type="checkbox"/> Plastic <input type="checkbox"/> Glass <input type="checkbox"/> Paper <input type="checkbox"/> Other (Specify)
* <b>Certification must be submitted</b>			
3. Location of Net Contents Information <input type="checkbox"/> Label on Container	4. Size(s) Retail Container	5. Location of Label Directions <input type="checkbox"/> On Label <input type="checkbox"/> On labeling accompanying product	
6. Manner in Which Label is Affixed to Product <input type="checkbox"/> Lithograph <input type="checkbox"/> Other _____ <input type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled			

**Section - IV**

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application)		
Name <b>Auria Trelles</b>	Title <b>Registration Coordinator</b>	Telephone No. (Include Area Code) <b>(973) 443-4200 ext 2206</b>
I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.		6. Date Application Received <b>(Stamped)</b>
2. Signature 	3. Title <b>Registration Coordinator</b>	
4. Typed Name <b>Auria Trelles</b>	5. Date <b>9/12/08</b>	





## TROY CORPORATION

September 12, 2008

Via DHL Courier

Document Processing Desk (NOTIF)  
Office of Pesticide Programs (7504P)  
Antimicrobial Division (AD)  
U.S. EPA  
Room S-4900, One Potomac Yard  
2777 South Crystal Drive  
Arlington, VA 22202-4501

Attn: Mr. Adam Heyward  
PM# 34/Antimicrobials Division (AD)

RE: Product label revision  
Polyphase 663 EPA Reg. No. 5383-109  
Polyphase 678 EPA Reg. No. 5383-110  
Polyphase P20T EPA Reg. No. 5383-74  
Polyphase P100 EPA Reg. No. 5383-50  
Mergal BCM Technical EPA Reg. No. 365-81  
Mergal BCM EPA Reg. No. 365-80

Dear Mr. Heyward:

Troy Corporation hereby is submitting a labeling notification for the following products:

Polyphase 663 EPA Reg. No. 5383-109  
Polyphase 678 EPA Reg. No. 5383-110  
Polyphase P20T EPA Reg. No. 5383-74  
Polyphase P100 EPA Reg. No. 5383-50  
Mergal BCM Technical EPA Reg. No. 365-81  
Mergal BCM EPA Reg. No. 365-80

Due to use of toll manufacturers for alternate formulations we have included the phrase "Produced for/Manufactured for" on each label.

All changes have been highlighted in yellow. Enclosed find the following documents:

- EPA Pesticide Application EPA Form (8570-1)- OPP Identifier No.  
296895  
296896  
304964  
296897  
304963  
296898
- Four (4) copies of each revised product label
- Certification Statement as required by PR Notice 98-10

If you should have any questions or require additional information, please contact me directly at (973) 443-4200 Ext (2206) or at [Trellesa@troycorp.com](mailto:Trellesa@troycorp.com)

Sincerely,

Aura Trelles  
Registration Coordinator

**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.

**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.

**FIRST AID**

<b>IF IN EYES:</b>	<ul style="list-style-type: none"> <li>• Hold eye open and rinse slowly and gently with water for 15-20 minutes.</li> <li>• Remove contact lenses, if present, after the first 5 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 SWALLOWED:</b>	<ul style="list-style-type: none"> <li>• Call a poison control center or doctor immediately for treatment advice.</li> <li>• Do not induce vomiting unless told to do so by the poison control center or doctor.</li> <li>• Have person sip a glass of water if able to swallow.</li> <li>• Do not give anything by mouth to an unconscious person.</li> </ul>

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.

**POLYPHASE**

A Broad Spectrum Fungistat for use in Paints and Coatings, Adhesives, Caulks and Sealants, Roof Paper Coatings, Inks, Textiles and Join

EPA Reg. No.	
EPA Establishment Number	

**ACTIVE INGREDIENT:** .....  
 Methylbenzimidazole-2-yl Carbamate.....  
 3-Iodo-2-propynyl butyl carbamate .....  
**INERT INGREDIENTS** .....  
**TOTAL** .....

**CAUTION**

**SOLD FOR INDUSTRIAL USE**

See Side Panel for Additional Precautions

**KEEP OUT OF REACH OF CHILDREN**

Net Weight:

Produced for/Manufactured by

**Troy Chemical Corp**

One Avenue L, Newark, N.J.

TROYSAN® and POLYPHASE® are registered trademarks

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**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.

**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.

**FIRST AID**

<b>IF IN EYES:</b>	<ul style="list-style-type: none"> <li>• Hold eye open and rinse slowly and gently with water for 15-20 minutes.</li> <li>• Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
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<b>IF SWALLOWED:</b>	<ul style="list-style-type: none"> <li>• Call a poison control center or doctor immediately for treatment advice.</li> <li>• Do not induce vomiting unless told to do so by the poison control center or doctor.</li> <li>• Have person sip a glass of water if able to swallow.</li> <li>• Do not give anything by mouth to an unconscious person.</li> </ul>

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.

**POLYPHASE® 678**

A Broad Spectrum Fungistat for use in Paint and Stains, Masonry Coatings, Adhesives, Caulks and Sealants, Roof Coatings, Stucco, Paper Coatings, Inks, Textiles and Join Cements

EPA Reg. No.	5383-110
EPA Establishment Number	5383-NJ-01

**ACTIVE INGREDIENT:** ..... % Weight

Methylbenzimidazole-2-yl Carbamate ..... 15.0%

3-Iodo-2-propynyl butyl carbamate ..... 5.0%

**INERT INGREDIENTS** ..... 80.0%

**TOTAL** ..... 100.0%

**CAUTION**

**SOLD FOR INDUSTRIAL USE ONLY**

See Side Panel for Additional Precautionary Statements

**KEEP OUT OF REACH OF CHILDREN**

Net Weight:

[Produced for/Manufactured for]

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

TROYSAN® and POLYPHASE® are registered trademarks

**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 areas below the mean high water mark. Do not contaminate water when cleaning equipment or disposing of equipment washwaters. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans or other waters unless you have a permit and the permitting authority has been notified in writing in accordance with the requirements of a National Pollutant Discharge Elimination (NPDES) permit and the permitting authority has been notified in writing in writing of discharge. Do not discharge effluent containing this product to sewer systems 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 labeling.

Do not apply this product in a way that will contact workers or other persons.

The following are suggested use levels for Polyphase® 678. Typical use levels for the various applications indicate the approximate levels for the particular application. Suggested rates are in percentage by weight and refer to the product Polyphase® 678 order to determine the most effective use level for Polyphase® 678 in a given use. Trials are suggested.

Interior and Exterior Paints and Stains:	0.5-2.3%
Wood protective stain use:	0.3-1.5%
Adhesives, caulks, grouts and sealants:	0.3-1.5%
Joint cements:	0.5-1.5%
Size-Press and other filler/sealant solutions for non-food grade products	0.3-1.0%
Masonry	0.5-0.4%
Roof coatings	0.7-3.0%
Stucco and EIFS coatings:	0.5-1.5%
Inks:	0.3-1.5%
Textiles:	0.3-2.0%

Polyphase® 678 is not to be used in formulations intended for food contact coatings or food contact adhesive uses.

**STORAGE AND DISPOSAL**

**PESTICIDE STORAGE:** Store indoors, at temperatures between 5-40°C (41-104°F)

**PESTICIDE DISPOSAL:** Do not contaminate water, food or feed by storage or disposal. Pesticide wastes are acutely hazardous. Improper disposal of empty pesticide containers, 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 local, state, or environmental control agency or the hazardous waste representative at the nearest EPA regional office for guidance. Open dumping is prohibited.

**CONTAINER DISPOSAL:** Triple rinse (or equivalent). Then offer for recycling, reconditioning, or puncture and dispose of in a sanitary landfill, or incineration allowed by state and local authorities, by burning. If burned, stay out of smoke.

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# LYPHASE® 678

Spectrum Fungistat for use in Paint and Stains, Masonry Adhesives, Caulks and Sealants, Roof Coatings, Stucco, Paper Coatings, Inks, Textiles and Joint Cements

Product No.	5383-110
Establishment Number	5383-NJ-01

INGREDIENT: .....	% Weight
1,2,4-triazole-2-yl Carbamate .....	15.0%
Propyl butyl carbamate .....	5.0%
ADJUVANTS .....	80.0%
.....	100.0%

## CAUTION

**FOR INDUSTRIAL USE ONLY**

See Panel for Additional Precautionary Statements

**KEEP OUT OF REACH OF CHILDREN**

Net Weight:

[Produced for/Manufactured for]

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

POLYPHASE® and POLYPHASE® are registered trademarks

## 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 washwaters. 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 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 following are suggested use levels for Polyphase® 678. Typical use levels given for the various applications indicate the approximate levels for the particular application. All suggested rates are in percentage by weight and refer to the product Polyphase® 678. 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:	0.5-2.3%
Wood protective stain use:	0.3-1.5%
Adhesives, caulks, grouts and sealants:	0.3-1.5%
Joint cements:	0.5-1.5%
Size-Press and other filler/sealant solutions for non-food grade products	0.3-1.0%
Masonry	0.5-0.4%
Roof coatings	0.7-3.0%
Stucco and EIFS coatings:	0.5-1.5%
Inks:	0.3-1.5%
Textiles:	0.3-2.0%

Polyphase® 678 is not to be used in formulations intended for food contact paper coatings or food contact adhesive uses.

## STORAGE AND DISPOSAL

**PESTICIDE STORAGE:** Store indoors, at temperatures between 5-40°C (41-104 °F).

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**CONTAINER DISPOSAL:** Triple rinse (or equivalent). Then offer for recycling or reconditioning, 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.