
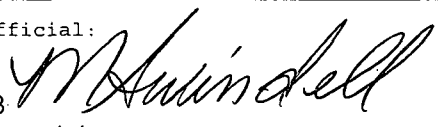


04/25/2012

 <b>U.S. ENVIRONMENTAL PROTECTION AGENCY</b> Office of Pesticide Programs Antimicrobials Division (7510C) 1200 Pennsylvania Avenue NW Washington, D.C. 20460  <b>NOTICE OF PESTICIDE:</b> Registration <input checked="" type="checkbox"/> Reregistration  (under FIFRA, as amended)	EPA Reg. Number: <b>1258-990</b>	Date of Issuance: <b>APR 25 2012</b>
	Term of Issuance: <b>Conditional</b>	
	Name of Pesticide Product: <b>Triadine 10 Industrial Microbiostat</b>	
Name and Address of Registrant (include ZIP Code):  <b>Arch Chemical, Inc. 5660 New Northside Drive NW Suite 1100 Atlanta, GA 30328</b>		
Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.		
On the basis of information furnished by the registrant, the above named pesticide is hereby registered/reregistered under the Federal Insecticide, Fungicide and Rodenticide Act.  Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.  Based on your response to the Hexahydro-1,3,5-tris(2-hydroxyethyl)-s-triazine RED, the EPA has reregistered this product subject to the comments recorded in the succeeding paragraph. This action is taken under the authority of section 4(g) (2) of the Federal Insecticide, Fungicide and Rodenticide Acts, as amended. Reregistration under this section does not eliminate the need for continual reassessment of pesticides. The EPA may require submission of data at any time to maintain the registration of the subject product.  1. Make the following label changes:  a. Revise the EPA Registration Number to read "1258-990".		
Signature of Approving Official:  <b>Marshall Swindell</b> Product Manager Team-33 Regulatory Management Branch I Antimicrobials Division (7510P) 		Date:  <b>APR 25 2012</b>

b. Per the product chemistry review, the ingredient statement must be revised as following:

The terms "Active Ingredients" and "Inert Ingredients" must be in the same type size and be equally prominent.

c. Based on toxicity ranking per the acute toxicity review, the First Aid statements should be must be placed on the label in the following order:

"IF IN EYES:  
IF ON SKIN OR CLOTHING: ...  
IF SWALLOWED: ...  
IF INHALED:..."

d. Per the acute toxicity review, the following revisions are needed to the PPE text currently on the label:

- Add chemical-resistant gloves made of any waterproof material".
- Move the PPE text to a separate paragraph below the "Hazards to Humans and Domestic Animals" statements.

e. The following Physical or Chemical hazards test must be added to the label:

"This pesticide is a chelating agent and should not be used with other chelating agents or chlorine".

f. In accordance with 40 CFR 156.10 and PR Notice 83-3, Under the STORAGE AND DISPOSAL heading, the statement "Do not contaminate water, food, or feed by storage or disposal" must be placed in the beginning of the section.

g. The Storage and Disposal statements must be placed in a text box for prominence.

h. The following Application restriction text must be added to the label:

"Use of this chemical in paints, stains, coatings, and institutional and household cleaning products, is prohibited."

i. If the product is intended for use in metal working, the following text must be added to the label:

"For metal working fluids, the maximum use concentration is 500 parts per billion (ppb) of active ingredient."

j. A phone number for emergency medical treatment information must be added to the label under emergency information and removed from the "Note to Physician".

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EPA Registration 1258-990

k. In the Hazards to Humans and Domestic Animals section, change "Causes irreversible eye damage and skin burns" to Causes irreversible eye damage".

l. For additional labeling clarity and consistency, please refer to the enclosed EPA reviews.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec.6(e). Your release for shipment of the product constitutes acceptance of these conditions.

Submit two (2) copies of the revised labeling bearing the labeling revisions listed above. A stamped copy of the label is enclosed for your records.

If you have questions concerning this matter, please contact me at (703) 308-6341 or by email at [swindell.marshall@epa.gov](mailto:swindell.marshall@epa.gov) or Martha L. Terry at (703) 308-6217 or by email at [terry.martha@epa.gov](mailto:terry.martha@epa.gov).

Sincerely,



Marshall Swindell  
Product Manager 33  
Regulatory Management Branch I  
Antimicrobials Division (7510P)

Enclosures

# TRIADINE® 10 INDUSTRIAL MICROBIOSTAT

## ACTIVE INGREDIENTS:

Sodium, 2-pyridinethiol-1-oxide.....	6.4%
Hexahydro-1,3,5-tris (2-hydroxyethyl)-s-triazine.....	65.9%
Inert Ingredients.....	27.7%
Total.....	100%

EPA Reg. No. 1258-990

EPA Est. No. 1258-NY-3

**KEEP OUT OF REACH OF CHILDREN**

**DANGER**

SEE FIRST AID & ADDITIONAL PRECAUTIONARY STATEMENTS ON SIDE PANEL

## MANUFACTURED FOR:

Arch Chemicals, Inc.  
5660 New Northside Drive  
Atlanta, GA 30328

Made in the USA.

TRIADINE® is a registered trademark of Arch Chemicals, Inc.

Net Weight XXX Lbs.

## PRECAUTIONARY STATEMENTS: HAZARDS TO HUMANS AND DOMESTIC ANIMALS. DANGER:

Corrosive. Causes irreversible eye damage or skin burns. Harmful if swallowed or absorbed through skin or inhaled. Do not get in eyes, on skin, or on clothing. Avoid breathing spray mist. Prolonged or frequently repeated skin contact may cause allergic reaction in some individuals. Personal Protective Equipment (PPE): All mixers and other handlers must wear the following PPE: long sleeved shirt and long pants, socks and shoes, chemical-resistant gloves, goggles, face shield, or safety glasses.

**USER SAFETY REQUIREMENTS:** 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. Discard clothing and other absorbent material that have been drenched or heavily contaminated with the product's concentrate. Do not reuse them.

**USER SAFETY RECOMMENDATIONS:** Users should wash hands before eating, drinking, chewing gum, using tobacco or using the toilet. Users should remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. Users should remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

ACCEPTED  
WITH COMMENTS  
EPA REGION 4

APR 25 2012

Triadine 10 Industrial Microbiostat  
EPA Reg. No. 1258-990  
EPA Est. No. 1258-NY-3  
registered under EPA Reg. No.

1258-990

**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 Inhaled:** Move person to fresh air. If person is not breathing, call 911 or an ambulance, and then give artificial respiration, preferably mouth-to-mouth, if possible. Call a Poison Control Center or doctor for further 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.

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

**NOTE TO PHYSICIAN:** Probable mucosal damage may contraindicate the use of gastric lavage. In case of emergency, for additional information call 1-800-654-6911.

**ENVIRONMENTAL HAZARDS:** This pesticide is toxic to fish and aquatic invertebrates. Do not discharge effluent containing this product into lakes, ponds, 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 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.

**CHEMICAL HAZARDS:** Do not store or mix with strong oxidizing agents or strong (concentrated) acids. In case of contamination, do not reseal container. If possible, isolate container in open air or well-ventilated area. Fumes caused by contamination may be hazardous.

**STORAGE AND DISPOSAL:** This pesticide is a chelating agent and should not be used with other chelating agents or chlorine. Do not contaminate water, food, or feed by storage or disposal.

**PESTICIDE STORAGE:** Do not store above 100 degrees F. (38 deg. C.). Keep container tightly closed when not in use. Do not store with strong oxidizing agents or strong (concentrated) acids.

**PESTICIDE DISPOSAL:** [For containers > 5 gallons] 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. 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.

ACCEPTED  
with COMMENTS  
EPA Label Dated:

APR 25 2012

Under the Federal Insecticide,  
Fungicide, and Rodenticide Act  
as amended, this product is  
registered under EPA Reg. No.

1058-790

**PESTICIDE DISPOSAL:** [For containers < 5 gallons] 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. Triple rinse as follows: Empty 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 DISPOSAL:** Nonrefillable container. Do not reuse or refill this container. Offer for recycling if available. Triple rinse container promptly after emptying. Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.

**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.

**FOR THE IN-CAN PRESERVATION OF LATEX EMULSIONS USED IN ADHESIVES, CAULKS, PATCHING COMPOUNDS, SEALANTS, PASTES GROUTS AND PAINTS:** To inhibit microbial growth in latex emulsions for a period of up to 1 year, a dosage of up to 1500 ppm of this product (0.15 lbs. of this product per 100 lbs. of emulsion) is recommended. This product may be added at any time during the formulation procedure by pouring from the container.

**FOR THE PRESERVATION OF AQUEOUS ANALYTICAL AND DIAGNOSTIC REAGENTS USED IN CHEMICAL AND CLINICAL ANALYSIS:** Addition of 300 ppm to 500 ppm of this product inhibits the growth of bacteria in aqueous analytical and diagnostic reagents (0.03 lb. to 0.05 lb. of this product per 100 lbs. of reagent).

**IN AQUEOUS SYNTHETIC FIBER LUBRICANTS (SPIN FINISHES):** Addition of up to 1000 ppm of this product will inhibit the growth of bacteria and the formation of slime in synthetic fiber lubricants for periods of two to four weeks during use. (0.1 lb. of this product per 100 lbs. of lubricant).

**IN AQUEOUS-BASED INKS:** Addition of up to 5000 ppm of this product will inhibit the growth of bacteria and fungi in aqueous-based inks. (0.5 lbs. of this product per 100 lbs. of ink).

APPROVED  
FOR SALE  
DATE: 4/25/12

APR 25 2012

Product of the United States of America  
Registered under FIFRA Reg. No.  
1258-990

**TO INHIBIT THE GROWTH OF BACTERIA AND FUNGI IN AQUEOUS METALWORKING, CUTTING, COOLING AND LUBRICATING FLUIDS:** Add up to 2000 ppm (0.2% v/v) of this product to the solution (20 gallons per 10,000 gallons) by pouring from container as needed. When adding fresh, diluted fluid to compensate for dragout or other losses, add this product to the make-up fluid according to the above directions.

Frequent checks (at least once a week) of the bacterial and fungal population in the system should be made using standard microbiological plate count procedures or any of the commercial "dip-stick" type devices. When the bacterial count reaches 10<sup>7</sup> and/or the fungal count reaches 10<sup>3</sup> organisms per ml, add additional product at the initial dosage rate.

The fluid should be checked at least once a day with a refractometer (or other suitable means) to determine if water loss by evaporation has occurred. Make-up water should be added daily to compensate for such losses.

The fluid should be monitored at least once a week (depending on the metalworking operation involved) for the following: Tramp oil, pH, odor, oil droplet size, and anticorrosion properties. If any of these parameters are outside of the specifications established for the system in question, they should be brought up to the specifications by the addition of suitable additives or the fluid should be discarded and replaced after cleaning the system. Add this product to the fresh fluid according to the above directions. Contaminated fluid systems should be cleaned prior to the initial addition of this product. Drain the system, clean with a cleaner designed for this purpose, rinse with water and refill with fresh fluid. This product may be added to the fluid at the time it is prepared (diluted) or to the reservoir (sump) containing the fluid after it is put into use. If it is added to the reservoir, the fluid should be circulated after addition to ensure mixing.

**TO INHIBIT THE GROWTH OF BACTERIA AND FUNGI IN METALWORKING, CUTTING, COOLING AND LUBRICATING FLUID CONCENTRATES:** Add an amount that will give up to a 2000 ppm solution. The amount required in the concentrate will depend on the end use dilution. To calculate the correct amount of this product to incorporate into the concentrate:

1. Determine the desired dose of this product required for the dilute fluid (i.e., 0.2% or 2000 ppm).
2. Determine end-use concentration of the fluid (i.e., 0.05 or 5%).

Divide the required dose of this product by the end-use concentration of the fluid (i.e.,  $0.2/0.05 = 4$ ), then 4% (by weight based on total batch weight of coolant concentrate) is the amount of this product to incorporate into the fluid concentrate so that a 5% dilution will contain 2000 ppm of this product.

The following chart describes other dilutions:

Level of Triadine 10 Desired In End-Use Diluted Fluid	End Use Dilution of Conc.	Amt. Of Triadine 10 to Add to Concentrate
2000 ppm	5%	4% (40,000ppm) 40 gal./1000 gal.Conc
1500 ppm	5%	3% (30,000ppm) 30 gal/1000 gal Conc.
1000 ppm	5%	2% (20,000ppm) 20 gal/1000 gal conc.
2000 ppm	4%	5% (50,000ppm) 50 gal/1000 gal.conc.
1500	4%	3.75% (37500ppm) 37.5gal/1000 gal conc.
1000	4%	2.5% (25,000ppm) 25 gal/1000 gal conc.