1258-1071 7/28/2014 1/6

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

JUL 28 2014

Arch Chemicals, Inc.
1200 Bluegrass Lakes Parkway
Alpharetta, GA 30004
Attn: Ruth Trager

Subject: **Amended Reregistration Label**
TRIADINE 3 INDUSTRIAL MICROBIOSTAT
EPA Registration Number 1258-1071
EPA Decision Number 433400

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 reregistration of the above referenced product in connection with the Grotan (HHT) RED, and has concluded that your submission is acceptable.

NOTE: This product is **not** being reregistered under sections 3(c)5 and 4(g) of FIFRA at this time.

Please note that the record for this product currently contains the Confidential Statements of Formulation (CSFs) listed below. Any previously dated CSFs are superseded.

- Basic CSF, dated August 21, 2013

A copy of your label stamped "Accepted" is enclosed along with copies of the acute toxicity and product chemistry reviews completed for the subject product. Products shipped after 12 months from the date of this amendment or the next printing of the label whichever occurs first, must bear the new revised label. Your release for shipment of the product bearing the amended label constitutes acceptance of these conditions. If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 6(e).

If you have any questions about this letter, please contact Seiichi Murasaki at murasaki.seiichi@epa.gov.

Sincerely,

E. Miederhoff

Eric Miederhoff
Acting Product Manager 33
Regulatory Management Branch 1
Antimicrobials Division (7510P)

TRIADINE® 3 INDUSTRIAL MICROBIOSTAT

ACTIVE INGREDIENT:
Hexahydro-1,3,5-tris (2-hydroxyethyl)-s-triazine.....78.5%
Inert Ingredients.....21.5%
Total.....100.0%

EPA Reg. No. 1258-1071
EPA Est. No. 1258-NY-3

KEEP OUT OF REACH OF CHILDREN

DANGER

SEE FIRST AID & PRECAUTIONARY STATEMENTS ON SIDE PANEL

MANUFACTURED FOR:
Arch Chemicals, Inc.
1200 Bluegrass Lakes Parkway
Alpharetta, GA 30004

Made in the USA.

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

Net Weight _____

ACCEPTED

07/28/2014

Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, for the pesticide registered under EPA Reg. No. 1258-1071

PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS
CORROSIVE. Causes irreversible eye damage. Do not get in eyes or on clothing. May be fatal if inhaled. Do not breathe vapor or spray mist. Harmful if swallowed or absorbed through the skin. Avoid contact with skin. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals. Wash thoroughly with soap and water after handling and before, eating, drinking, chewing gum, using tobacco, or using the toilet.

Personal Protective Equipment
All mixers and other handlers must wear the following PPE:
- long-sleeved shirt and long pants,
- shoes plus socks,
- chemical-resistant gloves, selection category A
- goggles, face shield, or safety glasses.

User Safety Requirements
Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, 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.

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 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. Do not induce vomiting unless told to do so by a Poison Control Center or doctor. Do not give any liquid to the person. Do not give anything by mouth to an unconscious person.
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.

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.

DIRECTIONS FOR USE:
It is a violation of federal law to use this product in a manner inconsistent with its labeling.

Other Use Precautions
Use of this product in paints, stains, coatings, and institutional and household cleaning products is prohibited.

FOR THE IN- CAN PRESERVATION OF [1]ADHESIVES, [1]CAULKS, [1]SEALANTS, [1]GROUTS, [1]PATCHING COMPOUNDS, [1]WOOD FILLERS, [1]JOINT COMPOUNDS, [1]GLAZING COMPOUNDS, AND [1]FLOOR PREPARATION PLASTER/CEMENT COMPOUNDS. Addition of up to 1500 ppm of this product (0.15 lbs. of this product per 100 lbs. of formulation) will inhibit microbial growth (bacteria and fungi) in these products. This product can be added at any time during the formulation procedure.

[1]FOR THE PRESERVATION OF AQUEOUS ANALYTICAL AND DIAGNOSTIC REAGENTS USED IN CHEMICAL AND CLINICAL ANALYSIS: Addition of up to 1500 ppm (0.15 lbs.of this product per 100 lbs. of formulation) can inhibit the growth of bacteria and fungi in aqueous analytical and diagnostic reagents. For example, isotonic diluents used in blood diagnostic analyzers can be preserved by addition of 500 ppm of this product (approximately 50 ml of the product into 100 liters of solution, or 6.5 ounces per 100 gallons of solution.).
Approval from the FDA must be secured before offering the end product for FDA regulated use.

[1]TO CONTROL THE GROWTH OF BACTERIA ASSOCIATED WITH FREE AND DISPERSED WATER COMMONLY FOUND IN FUEL SYSTEMS: Add this product to fuel tanks to control microbial growth in diesel oil, fuel oil, gasoline or kerosene fuel systems. Treatment may be achieved by slug dosing or intermittent metering to provide the proper concentration of this product. If the volume of water is known, add 0.5 – 1.5 gallons of this product to each 1,000 gallons of water to achieve concentrations of 500 to 1,500 ppm in the water-phase.
If the volume of water in the system is unknown, add 20 ounces – 1 gallon of this product to each 1,000 gallons of fuel to achieve concentrations ranging between 150 ppm and 1,000 ppm. Concentrations of 150 - 500 ppm of this product are appropriate for preventive treatment. Concentrations of 1,000-1,500 ppm are appropriate for curative treatment. Since microbes tend to grow within biofilm communities, two or more curative treatments introduced at one-two day intervals may be required to treat heavily contaminated fuel tanks successfully. Since this product is not particularly hydrocarbon soluble, there is no adverse effect if some excess accumulates in tank bottoms. It will function as a corrosion inhibitor at higher concentrations.

[1]Not approved for use in California

[1]**TO SCAVENGE HYDROGEN SULFIDE (H2S) FROM AIR STREAMS:** This product effectively scavenges H2S from air streams. This product is not aggressive to the equipment (as a caustic material like NaOH or KOH would be) and is preferred over other amine systems because it regenerates. The reaction of this product with H2S is stoichiometric, so the amount of this product required is determined by the level of H2S normally present. Add 6.44 pounds of this product per pound of H2S.

IN AQUEOUS METALWORKING FLUIDS: To inhibit the growth of bacteria add this product according to the following directions: Add 0.15% (v/v of this product) to the use dilution (15 gallons per 10,000 gallons of fluid). The fluids may be diluted with from 5-100 parts of water. 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 containing this product at the above concentration. Frequent checks (at least once a week) of the bacterial 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 previously established limits for your particular system or fluid, add this product at the initial dose. 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.
For metal working fluids, the maximum use concentration is 500 parts per million (ppm) of active ingredient.

[1]**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.
For metal working fluids, the maximum use concentration is 500 parts per million (ppm) of active ingredient.

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. 2. Determine end-use concentration of the fluid (i.e., 0.05 or 5%).
3. 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 3 Desired In End-Use Diluted Fluid	End Use Dilution of Conc.	Amt: Of Triadine 3 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 ppm	4%	3.75% (37500ppm) 37.5gal./1000.gal. Conc.
1000 ppm	4%	2.5% (25,000ppm) 25 gal./1000 gal. Conc.

[1]Not approved for use in California

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.

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: 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

[For containers > 5 gallons] 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.

[For containers ≤ 5 gallons] 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.