

46982-9

7/18/2012

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U S ENVIRONMENTAL PROTECTION AGENCY

Office of Pesticide Programs
Antimicrobials Division (7510C)
1200 Pennsylvania Avenue NW
Washington D C 20460

EPA Reg
Number

46982-9

Date of
Issuance

JUL 18 2012

Term of Issuance

Conditional

Name of Pesticide

Product

AS 790

NOTICE OF PESTICIDE

X Registration
 Reregistration

(under FIFRA as amended)

Name and Address of Registrant (include ZIP Code)

Applied Specialties Inc
33555 Pin Oak Parkway
Avon Lake OH 44012

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 the 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

This product is conditionally registered in accordance with FIFRA Section 3(c)(7)(A) provided that you

- 1 Submit and/or cite all the data required for registration of your product under FIFRA Section 3(c)(5) when the Agency requires all registrants of similar products to submit such data and submit required by registration review under FIFRA Section 3(g)
- 2 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

Signature of Approving Official

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

Date

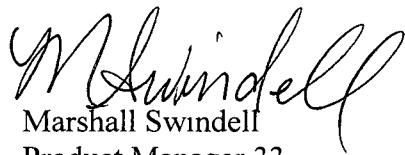
JUL 18 2012

EPA Reg # 46982-9

A stamped copy of the label is enclosed for your records

If you have questions concerning this matter please contact Marshall Swindell at (703) 308 6341 or by email at swindell_marshall@epa.gov

Sincerely



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

Enclosures (Stamped Label)

ENVIRONMENTAL HAZARDS

This pesticide is toxic to aquatic plants, fish and aquatic invertebrates. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans or public 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 sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA.

PHYSICAL AND CHEMICAL HAZARD

This product is corrosive to mild steel.

STORAGE AND DISPOSAL

This product (pH 3.5) is corrosive to mild steel.

PESTICIDE STORAGE: Do not store or transport in unlined metal containers. Do not contaminate water, food or feed by storage, disposal or cleaning of equipment.

PESTICIDE DISPOSAL: Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide or rinsate is a violation of Federal Law. If waste 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

Non-refillable container. Do not reuse or refill this container. Triple rinse container promptly after emptying. Triple rinse as follows: [For containers > 5 gallons in size] - Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container / 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. [For containers > 5 gallons in size] Empty the remaining contents into application equipment or a mix tank. Fill the container / 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 if available or puncture and dispose of in a sanitary landfill or by other procedures approved by state and local authorities.

Do not apply this product in a way that will contact workers or other persons. GENERAL CONSULT FEDERAL STATE OR LOCAL DISPOSAL AUTHORITIES FOR APPROVED ALTERNATIVE PROCEDURES.

CONDITIONS OF SALE AND WARRANTY

Supplier warrants that the product conforms to its chemical description and is fit for the purposes for which it is sold. Supplier makes no other express or implied warranties, either of merchantability or fitness for a particular use. Heretofore, the product has been used in accordance with the label directions. Supplier does not warrant the product for use in any other manner. IN NO CASE WILL SUPPLIER OR SELLER BE HELD LIABLE FOR CONSEQUENTIAL, SPECIAL OR INDIRECT DAMAGES RESULTING FROM THE HANDLING, STORAGE OR USE OF THIS PRODUCT.

UN 3265 CORROSIVE LIQUID ACIDIC ORGANIC N.O.S. [mixture containing 5 Chloro 2 methyl 4 isothiazolin 3 one and 2 Methyl 4 isothiazolin 3 one (3:1): 8 PG III]

For Transportation Spills Emergency Call Chem r. l. at 1 800-424-9300

AS-790

Precautionary Statements Hazards to Humans and Domestic Animals

DANGER

CORROSIVE CAUSES IRREVERSIBLE EYE DAMAGE HARMFUL IF ABSORBED THROUGH SKIN. DO NOT GET IN EYES ON SKIN OR ON CLOTHING. AVOID CONTACT WITH SKIN. PROLONGED OR FREQUENTLY REPEATED SKIN CONTACT MAY CAUSE ALLERGIC REACTION IN SOME INDIVIDUALS. REMOVE CONTAMINATED CLOTHING AND WASH BEFORE REUSE.

Mixers, loaders and others exposed to methylisothiazolinone must wear:

- Long sleeve shirt and long pants
Socks and Shoes
Goggles or face shield
Chemical resistant gloves (such as rubber or made out of any waterproof material)

Follow manufacturer's instructions for cleaning / maintaining PPE if there are no such instructions for washables. Use detergent and hot water. Keep and wash PPE separately from other laundry. User Safety Recommendations: Users should wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet. Users should remove clothing 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. Discard clothing or other absorbent materials that have been drenched or heavily contaminated with this product's concentrate.

DIRECTIONS FOR USE

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling. Industrial microbicide for use in Water Treatment Systems. READ AND FOLLOW THE DIRECTIONS FOR USE ON THE ACCOMPANYING INFORMATION SHEET.

EPA Reg No 46982 xx EPA Est No

Manufactured By/For Applied Specialties Inc 33555 Pin Oak Parkway Avon Lake OH 44012

ACCEPTED WITH COMMENTS JUN 18 2012

Und Fungicide registered and labeled for use as Fungicide

Net Contents (pounds) 46982-9

KEEP OUT OF REACH OF CHILDREN

DANGER - PELIGRO

See Side panel for additional precautionary statements.

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 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 the poison control center or doctor.

If on Skin: 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. Then give artificial respiration, preferably mouth to mouth, if possible. Call a poison control center or doctor for further treatment advice.

Note to physician: Probable mucosal damage may contraindicate the use of gastric lavage.

HOT LINE NUMBER: In case of emergency for additional information call toll free 1-800-424-9300. Have the product container or label with you when calling a poison control center or doctor or going for treatment.

Mfg Date

Batch

AS-790 INFORMATION SHEET

**THIS AS 790 INFORMATION SHEET MUST ACCOMPANY EACH SHIPMENT OF
AS 790**

DIRECTIONS FOR USE

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

INDUSTRIAL RECIRCULATING WATER COOLING TOWER AS 790 microbiocide is recommended for the control of bacteria algae and fungi. It should be added to the tower basin or some other point to ensure uniform mixing. Add 0.3 to 1.86 lb of AS 790 per 1000 gallons of water (35 to 220 ppm AS 790) weekly or as needed for maintenance. For noticeably fouled systems use an initial dose of 1.25 to 7.5 lb AS 790 per 1000 gallons of water. Repeat if necessary to achieve control. *Not approved for this use in the State of California*

AIR WASHER SYSTEMS For use only in industrial air washing systems that maintain effective mist eliminating components. Add 0.3 to 7.5 lb AS 790 to 1000 gallons of water (35 to 900 ppm AS 790) in the air washer sump or chill water sump to ensure uniform mixing for the control of bacteria fungi and algae. A repeat treatment may be needed depending on the severity of contamination. *Not approved for this use in the State of California*

OIL FIELD INJECTION WATERS Add 2.3 to 5.8 lb (2.8 to 6.9 gallons) AS 790 per 1000 barrels of water (66 to 165 ppm AS 790) weekly or as needed to maintain control of slime forming and sulfate reducing bacteria in oil and gas field water systems including enhanced recovery injection fluids and drilling fluids. An initial dose of 5.7 to 11.5 lb AS 790 per 1000 barrels of water (162 to 324 ppm AS 790) may be used until control is achieved. This product may be used for terrestrial and off shore oil drilling muds and packer fluids. *Not approved for this use in the State of California*

PAPER MILLS Add 0.45 to 1.5 lb of AS 790 per ton (dry basis) of pulp or paper produced as slug dose for the control of bacterial and fungal slime in the production of paper. AS 790 should be added to a point such as the Beater or Hydropulper to ensure uniform mixing. *Not approved for this use in the State of California*

INDUSTRIAL RECIRCULATING CLOSED LOOP WATER COOLING SYSTEMS Add 0.3 to 1.86 lb of AS 790 per 1000 gallons of water in the system weekly to maintain control of bacteria fungi and algae in the reservoir recirculating line or some other point to ensure uniform mixing. For noticeably fouled systems an initial treatment with 1.25 to 7.5 lb AS 790 per 1000 gallons of water may be needed depending on the severity of the fouling. *Not approved for this use in the State of California*

BREWERY PASTEURIZERS AND CAN WARMER SYSTEMS Add 0.3 to 1.86 lb of AS 790 per 1000 gallons of water in the system weekly or as needed to maintain control of bacteria algae and fungi. For noticeably fouled systems an initial treatment with 1.25 to 7.5 lb of AS 790 per 1000 gallons of water may be needed depending on the severity of the fouling. *Not approved for this use in the State of California*

ULTRA FILTRATION UNITS such as REVERSE OSMOSIS SYSTEMS AS 790 microbiocide is recommended for the control of bacteria and fungi in ultra filtration units such as reverse osmosis systems. Add 10.333 ppm of AS 790 microbiocide (0.15.5 ppm active ingredient) into industrial ultra filtration or reverse osmosis systems by either continuous feed or periodic injection. Compatibility of AS 790 microbiocide with reverse osmosis membranes should be confirmed with membrane manufacturers. For the control of bacteria and fungi in carbon beds add 10.333 ppm of AS 790 microbiocide (0.15.5 ppm active ingredient). For periodic membrane cleaning add 0.4.10 lbs of AS 790 microbiocide to every 120 gallons of cleaning solution (6.15 ppm active ingredient). Badly fouled systems should be cleaned before treatment is begun. *Not approved for this use in the State of California*

ACCEPTED
with COMMENTS
in EPA Letter Dated

Under Federal Insecticide
Fungicide and Rodenticide Act as
amended
registered under EPA Reg No. **46982-9**
EPA Reg No 46982 xx