


1258-1284

07/21/2004

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 <p style="text-align: center;">U.S. ENVIRONMENTAL PROTECTION AGENCY Office of Pesticide Programs Registration Division (H7505C) 401 "M" St., S.W. Washington, D.C. 20460</p> <p style="text-align: center;">NOTICE OF PESTICIDE: <u> x </u> Registration <u> </u> Reregistration (under FIFRA, as amended)</p>	EPA Reg. Number: 1258-1284	Date of Issuance: JUL 21 2004
	Term of Issuance:	
	Name of Pesticide Product: Proxel AQ Preservative	
Name and Address of Registrant (include ZIP Code): Arch Chemicals, Inc. 1955 Lake Park Drive Smyrna, GA 30080		
<p>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.</p> <p>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.</p> <p>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.</p> <p style="text-align: center;">This product is conditionally registered in accordance with FIFRA sec. 3(c)(7)(A) provided that you:</p> <ol style="list-style-type: none"> 1. Submit and/or cite all data required for registration/ reregistration of your product under FIFRA sec. 3(c)(5) when the Agency requires all registrants of similar products to submit such data; and submit acceptable responses required for reregistration of your product under FIFRA section 4. 2. Make the following label changes: <ol style="list-style-type: none"> a. Revise the EPA Registration Number to read, "EPA Reg. No. "1258-1284". 		
Signature of Approving Official: Marshall Swindell, PM 33 Regulatory Management Branch 1 Antimicrobial Division (7510C)	Date: JUL 21 2004	

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EPA Registration No. 1258-1284

b. On the technical bulletin, under the Directions for Use section, correct the spelling of the words “appli-cations” and “con-centration to read “applications” and concentration”.

c. In the Direction for Use, revise the statement “Proxel AQ Preservative is an effective preservative in most aqueous compositions” to read “Proxel AQ Preservative is an effective preservative in the aqueous compositions identified on the label.

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 final printed labeling for our record. A stamped copy of the label is enclosed for your records.

If you have any questions concerning this letter, please contact Martha Terry at (703) 308-6217.

Sincerely,



Marshall Swindell
Product Manager 33
Regulatory Management Branch 1
Antimicrobial Division (7510C)

Enclosure

3/11

(Center Panel)

PROXEL® AQ Preservative

For Industrial Use Only as a Preservative for Aqueous Compositions

Active Ingredient:		
1,2-benzisothiazolin-3-one:	9.25%	
Inert Ingredients:	90.75%	
Total Ingredients:	100.0%	

KEEP OUT OF REACH OF CHILDREN

DANGER

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. 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 by a poison control center or doctor.

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

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.

For additional information in case of emergency call toll free 1-800-286-7850. Have the product container or label with you when calling a poison control center or doctor or going for treatment.

NOTE TO PHYSICIAN: Possible mucosal damage may contraindicate the use of gastric lavage following ingestion

SEE ADDITIONAL PRECAUTIONARY STATEMENTS ON SIDE PANEL

Contents: US Gallons

EPA Reg. No. 72674-3

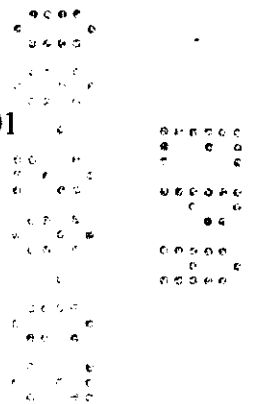
**ACCEPTED
with COMMENTS
in EPA Letter Dated:**

EPA Est. No. 67003-NC-01

JUL 21 2004

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

1258-1284



4/11
-

Manufactured for:
AVECIA Inc. P.O. Box 15457
Wilmington, DE 19850-5457 USA

Lot Number: Product Code:

ACCEPTED
with COMMENTS
in EPA Letter Dated:

JUL 21 2004
Under the Federal Insecticide,
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1258-1284

(Left Panel)

**PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

DANGER

Corrosive. Causes eye and skin damage. Do not get in eyes, on skin, or on clothing. Wear goggles or face shield and rubber gloves when handling. Harmful if swallowed or absorbed through the skin. May be fatal if inhaled. Do not breathe vapors. May cause allergic skin reaction.

ENVIRONMENTAL HAZARDS:

This product is toxic to fish. 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 Pollution Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to the 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. Do not contaminate water by cleaning of equipment or disposal of wastes.

**ACCEPTED
with COMMENTS
in EPA Letter Dated:**

JUL 21 2004

**Under the Federal Insecticide,
Fungicide, and Rodenticide Act as
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1258-1284

(Right Panel)

DIRECTIONS FOR USE: It is a violation of Federal law to use this product in a manner inconsistent with its labeling. See Technical Information Bulletin for Directions for Use.

STORAGE AND DISPOSAL:

Do not contaminate water, food, or feed by storage or disposal. Open dumping is prohibited.

PESTICIDE STORAGE:

Protect from frost. If frozen, thaw and stir well before use.

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.

CONTAINER DISPOSAL:

Triple rinse (or equivalent) 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 information on spills, call 1-800-424-2466

ACCEPTED
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in EPA Letter Dated:

JUL 21 2004

Under the Federal Insecticide,
Fungicide, and Rodenticide Act as
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1258-1284

Avecia Biocides

PROXEL® AQ Preservative

SUMMARY

PROXEL® AQ Preservative, is an aqueous solution of 1,2-benzisothiazolin-3-one is an efficient microbiostat preservative for aqueous compositions such as lattices, paints, water based adhesives, casein and rosin dispersions, textile spin finish solutions, pesticide formulations, aqueous mineral slurries, pigment dispersions, inks, tape joint compounds, photographic emulsions and photo processing rinse solutions, speciality and household products, leather processing solutions, and solutions for the preservation of fresh animal hides and skins.

PROXEL AQ Preservative is registered with the Environmental Protection Agency and has been granted EPA Registration No. 72674-. Its components are also cleared by EPA for use under 40 CFR 90.1001 (c) or (d) for agricultural use.

GENERAL

Many aqueous dispersions and emulsions can be seriously impaired during storage and use due to the growth in them of bacteria yeast and fungi.

PROXEL AQ Preservative is an effective preservative against growth of the above microbial agents in the aqueous systems listed and exhibits:

- a. Effective control of a wide range of organisms at economic concentrations.
- b. Long-term storage stability.
- c. Ease of use due to its liquid form and good compatibility in most aqueous compositions.

PROPERTIES OF PROXEL AQ Preservative

Composition:	A solution of 1,2-benzisothiazolin-3-one at 9.25% in water.
Physical Form:	Liquid
Viscosity (25°C) Brookfield:	10 centipoise (approx.)
Specific Gravity (25°C/25°C):	1.06 (approx.)
pH, 10% (25°C):	12 (approx.)
Density(25°C):	8.8 lb./gal. (approx.)
Initial Boiling Point:	100°C
Solubility:	Soluble in water at use dilutions.
Stability:	Stable under all normal storage conditions. Maintain the pH above approximately 4. The active agent is heat stable and non-volatile. Protect from frost.

ACCEPTED with COMMENTS in EPA Letter Dated:

JUL 21 2004

Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, for the pesticide, registered under EPA Reg. No. 1258-1284

DIRECTIONS FOR USE

It is a violation of federal law to use this product in a manner inconsistent with its labelling.

PROXEL AQ Preservative is an effective preservative in most aqueous compositions. Typical applications, and the suggested range of concentrations on which trials can be based, are:

Product	%PROXEL AQ Preservative (Based on total weight of product)
Lattices: Polymer lattices, e.g. lattices based on acrylate, butadiene, styrene, vinyl-acetate, natural/synthetic rubber.	0.10-0.50
Oil-in-water emulsions: "Spin finish" solutions for use in the textile industry, cutting/rolling oils, soluble oils (metal and engineering industries)	0.10-0.50
Paints and stains: For in-can preservation.	0.10-0.50
Adhesives: Carboxymethylcellulose (CMC) and derivatives, animal glues, adhesives based on gelatin, starch, or latex.	0.10-0.50
Paper coating compositions: Rosin dispersions. Starch and casein based products.	0.10-0.50
aqueous Mineral Slurries: Mineral slurries such as calcium carbonate, kaolin, and titanium dioxide.	0.08-0.50
Inks and Dyes: Water based inks, ink concentrates and fountain solutions.	0.10-0.50
Pigment Dispersions: Pigment dispersions and pigment cakes.	0.10-0.50
Tape joint compound:	0.16-0.50
Pesticide formulations: For product preservation. For ultimate use-dilution protection.	0.10-1.00

PROXEL AQ Preservative is exempt from tolerance under 40 CFR 180.1001 (c) or (d); materials exempted from the

requirements of a tolerance when used in accordance with good agricultural practice as inert (or occasionally active) ingredients in pesticide formulations applied to growing crops. Based on the current 180.1001 (d) (1) BIT in formulations, use with PROXEL AQ Preservative are allowed.
JUL 21 2004

Product	%PROXEL AQ Preservative (Based on total weight of product)
Photographic Emulsions: To preserve the integrity of photographic emulsions and photo processing rinse solutions	0.008-0.67
Speciality Products and Household Products	
Laundry Additives: Liquid laundry detergents, fabric softeners, stain removers.	0.10-0.30
Home Cleaning Products: Floor cleaners, floor waxes & polishes, surface cleaners, window cleaners, dish detergents.	0.10-0.30
Car Care Products: Car washing products, car waxes, silicone emulsions.	0.15-0.30

PRESERVATION OF FRESH ANIMAL HIDES AND SKINS

To preserve the integrity of fresh animal hides and skins prior to or during processing, use 26 fluid ounces to 5.0 gallons (2.0-48 lbs.) of PROXEL AQ Preservative per 1000 pounds of hides or skins. Add the appropriate quantity of PROXEL AQ Preservative to the brine solution during the curing operation or treat hides or skins with an appropriately diluted aqueous solution during other portions of the processing operation. The specific use rate and contact time needed to control microbial attack will depend upon the degree of decomposition of the hides or skins prior to treatment.

LEATHER PROCESSING SOLUTIONS

Use PROXEL AQ Preservative at levels of 0.05-0.4% for the preservation of leather processing solutions.

GENERAL RECOMMENDATIONS

The concentration required to give protection depends on several factors. These include the susceptibility of the system to microbiological degradation, the extent

to which microorganisms can gain access, the species involved, pH, temperature, and length of time for which protection is required.

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

For protection against bacterial attack, a concentration within the range of 0.04-0.70% PROXEL AQ Preservative is almost invariably sufficient.

The control of mold growth, particularly on paste products of high solids content, may occasionally demand dosages above 0.50%.

In dilute fluid systems, spoilage is usually controlled with dosages not greater than 0.18%.

KEEP OUT OF REACH OF CHILDREN

DANGER

Precautionary Statements
Hazards To Humans And
Domestic Animals

Corrosive. Causes eye and skin damage. Do not get in eyes, on skin, or on clothing.

Wear goggles or face shield and rubber gloves when handling. Harmful if swallowed or absorbed through the skin. May be fatal if inhaled. Do not breathe vapors. May cause allergic skin reaction.

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 five minutes, then continue rinsing. 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 by a 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.

If Inhaled: Move person to fresh air. If person is not breathing, call 911 or ambulances, then give artificial respiration, preferably mouth-to-mouth, if possible. Call a poison control center or doctor for further treatment.

For additional information in case of emergency call toll free 1-800-286-7850. Have the product container or label with you when calling a poison control center or doctor of going for treatment.

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1258-1284

ENVIRONMENTAL HAZARDS

This product is toxic to fish. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans or other waters unless in accordance with the requirements of a 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 local State Water Board or Regional Office of the EPA. Do not contaminate water by cleaning of equipment or disposal of wastes. Do not apply in marine and estuarine oil fields.

STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage or disposal. Open dumping is prohibited.

Pesticide Storage

Protect from frost. If frozen, thaw and stir well before use.

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

Triple rinse (or equivalent). 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 information on spills, call 1-800-424-2466.

SAFE HANDLING INFORMATION

Refer to the Material safety Data Sheet (MSDS) available from Avecia Biocides for information on the safe use, handling and disposal of this product.

For literature, sample and order information, please contact our Customer Service office: 800-523-7391.

For more information, visit our website at www.aveciabiocides.com.

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PROXEL is a registered trademark
of AVECIA Limited

FOR YOUR PROTECTION
Avecia Inc. ("Avecia") warrants
that this product conforms to the
chemical description on the label
and that it is reasonably fit for
the purposes stated on the label
when used in accordance with
Avecia's directions under normal
conditions of use. This warranty
does not extend to the use of
this product contrary to label
instructions, or under abnormal
use conditions, or under
conditions not reasonably
foreseeable to Avecia, and the
buyer or user assumes the risk of
any such use. AVECIA DISCLAIMS
ALL OTHER WARRANTIES, EXPRESSED
OR IMPLIED, INCLUDING

ANY WARRANTY OF MERCHANTABILITY.
(Statements herein, therefore,
should not be construed as
representations or warranties.)

IN NO EVENT SHALL AVECIA BE
LIABLE FOR ANY SPECIAL,
INCIDENTAL, OR CONSEQUENTIAL
DAMAGES, INCLUDING LOST PROFITS,
ON ANY THEORY WHATSOEVER,
INCLUDING NEGLIGENCE, and
Avecia's sole liability and
Buyer's and User's exclusive
remedy shall be limited to the
refund of the purchase price.
Statements concerning the use of
the products or the formulations
described therein are not to be

construed as recommending the
infringement of any patent and no
liability for infringement arising
out of any such use is assumed.

Avecia Biocides
1405 Foulk Road
Wilmington, DE 19803