



**U.S. ENVIRONMENTAL PROTECTION  
AGENCY**

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

**NOTICE OF PESTICIDE:**

Registration  
 Reregistration

(under FIFRA, as amended)

EPA Reg.  
Number:

1258-1326

Date of  
Issuance:

AUG 27 2008

Term of Issuance:

**Conditional**

Name of Pesticide Product:

Proxel® BZ Plus  
Preservative

Name and Address of Registrant (include ZIP Code):

Garrett Schifilliti  
Arch Chemicals, inc.  
350 Knotter Drive  
Cheshire, CT 06410

**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.

This product is conditionally registered in accordance with FIFRA sec 3(c)(7)(a) provided that you:

1. Submit and/or cite all data required for registration 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 re-registration of your product under FIFRA section 4.
2. Make the labeling changes listed below before you release the product for shipment:
  - a. Revise the EPA Registration Number to read, "EPA Reg. No. 1258-1326"

Signature of Approving Official:

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

Date:

AUG 27 2008

- b. Under the **First Aid** section, move the “If Swallowed” statement ahead of “If on Skin or Clothing. Per instructions as stated in the EPA Office of Prevention, Pesticides, & Toxic Substances (OPPTS) Label Review Manual guidelines, order in this section is based on the severe routes of exposure (demonstrated by toxicity classification). The classification for the acute oral route was a Toxicity Category II, higher than the categories based on acute dermal and primary skin irritation. Therefore, this section should be organized accordingly based on the toxicity classification.
- c. Underneath the product name **PROXEL® BZ Pus Preservative** on the front panel, add a product descriptor statement (i.e., Industrial Materials Preservative used in...)
- d. Under the **Precautionary Statement** section, On page 2, under the “**Hazards to Humans and Domestic Animals**” section, incorporate the following changes:
- After the wording “Corrosive: Causes...” add the word “irreversible”.
  - Delete the wording on “skin or clothing”
  - Delete the wording “Harmful”. In its place add “May be fatal”.
  - Delete the word “or”. In its place, add the wording “Harmful if”.
  - Delete the following statement: “In case if contact, immediately flush eyes or skin with plenty of water”.

These changes are required per instructions stated in the EPA Office of Prevention, Pesticides, & Toxic Substances (OPPTS) Label Review Manual guidelines

- e. In the **Storage and Disposal** section, under the “Pesticide Disposal” statement, insert the following language: “Triple rinse as follows: 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 ¼ full with water and recap. Shake for 10 seconds. Poor 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”. These changes are required per the guidance from PR Notice 2007-4 (Labeling Revisions Required by the Final Rule” Pesticide Management and Disposal; Standards for Pesticide Containers and Containment).
- f. In the **Storage and Disposal** section, under the “Container Disposal” statement, insert the language “Nonfillable container”. Do not reuse or refill this container” These changes are required per the guidance from PR Notice 2007-4.
- g. In the **Storage and Disposal** section, under the “Container Disposal” statement, the product must bear a batch code. This is a lot number of other code used by the registrant or producer to identify the batch of the pesticide product distributed and sold. This information is required per the guidance from PR Notice 2007-4.
- h. Since your product is packaged in multiple container types (1 pint – 3000 gallons), you must comply with the container and containment labeling requirements as in described in PR Notice 2007-4. You may submit separate labels for each container type and/or size, or may submit a single label with alternate storage and disposal statements. For pesticide

Page 3  
EPA Reg. No. 1258-1326

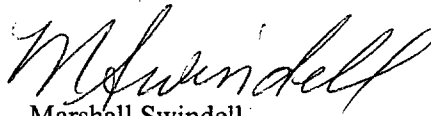
disposal, letter "E" above describes language for residue removal for a container type that is "less than 5 gallons". Alternative language for residue removal needs to be submitted for those containers greater than 5 gallons. Please refer to PR Notice 2007-4 to obtain the language.

- i. On the page that has the heading "Right Pane", under the Directions for Use section, in General Recommendations, take out the language "almost invariably", and add the word "considered". Also in that subsection, change the maximum range "1.0%" to "0.85%". The maximum rate does not compare to the application rate listed in the labeling for the different use matrices.

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.

A stamped copy of the label is enclosed for your records. Submit one (3) copy of your final printed labeling prior to release of this product for shipment. If you have any questions concerning this letter, please contact Demson Fuller at (703) 308-8062.

Sincerely,



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

Enclosure: (Stamped Label)

ACCEPTED  
with COMMENTS  
in EPA Letter Dated

AUG 27 2008  
Under the Federal Insecticide,  
Fungicide, and Rodenticide Act as  
amended, for the pesticide,  
registered under EPA Reg. No  
1288-1326

(Center Panel)

Add product  
descriptor ←

# PROXEL<sup>®</sup> BZ Plus Preservative

ACTIVE INGREDIENTS:  
 ZINC 2-PYRIDINETHIOL-1-OXIDE.....5.75%  
 1, 2-BENZISOTHIAZOLIN-3-OXIDE.....5.75%  
 INERT INGREDIENTS:.....88.5%  
 TOTAL.....100%

**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 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 SWALLOWED:** CALL A POISON CONTROL CENTER OR DOCTOR IMMEDIATELY FOR TREATMENT ADVICE. HAVE A 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.

Move

### MEDICAL EMERGENCY INFORMATION CENTER 1-800-654-6911

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. MEASURES AGAINST CIRCULATORY SHOCK, RESPIRATORY DEPRESSION AND CONVULSION MAY BE NEEDED

SEE ADDITIONAL PRECAUTIONARY STATEMENTS ON SIDE PANEL

<b>MANUFACTURED BY:</b> Arch Chemicals Inc. 501 Merritt 7 Norwalk, CT 06856	LOT NUMBER: PRODUCT CODE: Made In:	CONTENTS: (APPROX.	LBS. NET MINIMUM US Gallons)
--	--	-----------------------	---------------------------------

REV. DATE: PROXEL is a registered trademark of Arch UK Biocides LTD.

Made In:

(Right Panel)

**DIRECTIONS FOR USE**

IT IS A VIOLATION OF FEDERAL LAW TO USE THIS PRODUCT IN A MANNER INCONSISTENT WITH ITS LABELING.

PROXEL BZ Plus 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 BZ Plus (based on total weight of product)
Latices: Polymer latices based on acrylate, butadiene, PVA and styrene for various applications.	0.04 - 0.70
Paints & Stains: For in-can preservation.	0.025 - 0.80
Adhesives: Carboxymethylcellulose (CMC) and derivatives, animal glues, adhesives based on gelatins and latex,	0.04 - 0.85
Aqueous mineral slurries: titanium dioxide, calcium carbonate, clay.	0.025 - 0.75
Tape joint compounds: wallboard, spackling and drywall joint products.	0.05 - 0.80
Pigment dispersions:	0.05 - 0.85

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. For protection against bacterial and fungal attack, a concentration within the range of 0.025 - 1.0% PROXEL BZ Plus is ~~almost invariably~~ sufficient.

\*

*Considered*

*↑ change to 0.85*

**STORAGE AND DISPOSAL PROHIBITIONS:**

DO NOT CONTAMINATE WATER, FOOD OR FEED BY STORAGE OR DISPOSAL. OPEN DUMPING IS PROHIBITED.

**PESTICIDE STORAGE:**

PROTECT FROM FROST. IF FROZEN, ALLOW TO 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 1-800-654-6911

ACCEPTED  
with COMMENTS  
in EPA Letter Dated

AUG 27 2008

Under the Federal Insecticide,  
Fungicide, and Rodenticide Act as  
amended, for the pesticide  
registered under EPA Reg.

1258-1326

(Left Panel)

PRECAUTIONARY STATEMENTS  
HAZARDS TO HUMANS AND  
DOMESTIC ANIMALS

**DANGER**

*May be fatal*

*irreversible*  
*Harmful if*  
CORROSIVE. CAUSES EYE DAMAGE. DO NOT GET IN EYES, ~~ON SKIN OR CLOTHING~~. WEAR GOGGLES OR FACE SHIELD AND RUBBER GLOVES WHEN HANDLING. MAY CAUSE ALLERGIC SKIN REACTION. ~~HARMFUL IF SWALLOWED OR ABSORBED THROUGH THE SKIN. AVOID CONTACT WITH SKIN OR CLOTHING. IN CASE OF CONTACT IMMEDIATELY RUSH TO A HOSPITAL OR SKIN WITH FRESH UNCONTAMINATED~~ AVOID CONTAMINATION OF FOOD.

**ENVIRONMENTAL HAZARDS:**

THIS PRODUCT IS TOXIC TO FISH. DO NOT DISCHARGE 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.

EPA Reg. No. 1258-XX

EPA Est. No.

ACCEPTED  
WITH COMMENTS  
By EPA Letter Dated:

AUG 27 2008

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

1258-1326