

PM-31

Reg # 10182-265

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Please read instructions on reverse before completing form.

Form Approved. OMB No. 2070-0060. Approval expires 2-28-95



United States
Environmental Protection Agency
Washington, DC 20460

☐ Registration
☐ Amendment
☒ Other

OPP Identifier Number

Application for Pesticide - Section I

1. Company/Product Number PROXEL DL	2. EPA Product Manager M. JOHNSON	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) 10182-265	PM# 31	
5. Name and Address of Applicant (Include ZIP Code) ZENECA Inc. 1800 Concord Pike Wilmington, DE 19850-5457 <input type="checkbox"/> Check if this is a new address	6. Expedited Review. In accordance with FIFRA Section 3(c)(3)(b)(i), my product is similar or identical in composition and labeling to: EPA Reg. No. _____ Product Name _____	

Section - II

<input type="checkbox"/> Amendment - Explain below.	<input type="checkbox"/> Final printed labels in response to Agency letter dated _____
<input type="checkbox"/> Resubmission in response to Agency letter dated _____	<input type="checkbox"/> "Me Too" Application.
<input checked="" type="checkbox"/> Notification - Explain below.	<input type="checkbox"/> Other - Explain below.

NOTIFICATION

MAR 19 1997

Explanation: Use additional page(s) if necessary. (For section I and Section II.)

To correct typographical error in Technical Information Bulletin:
To delete the word "caution" following "environmental hazards" on third page.

Section - III

1. Material This Product Will Be Packaged In:				2. Type of Container	
Child-Resistant Packaging <input type="checkbox"/> Yes* <input type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Metal <input type="checkbox"/> Plastic <input type="checkbox"/> Glass <input type="checkbox"/> Paper <input type="checkbox"/> Other (Specify) _____		
* Certification must be submitted		If "Yes" Unit Packaging wgt. No. per container	If "Yes" Package wgt. No. per container		
3. Location of Net Contents Information <input type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) Retail Container		5. Location of Label Directions <input type="checkbox"/> On Label <input type="checkbox"/> On Labeling accompanying product	
6. Manner in Which Label is Affixed to Product		<input type="checkbox"/> Lithograph <input type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled <input type="checkbox"/> Other _____			

Section - IV

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)			
Name Mark E. Burt	Title Chemical Regulatory Specialist	Telephone No. (Include Area Code) (302) 477-8129	
Certification I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.			6. Date Application Received (Stamped)
2. Signature 	3. Title Chemical Regulatory Specialist		
4. Typed Name Mark E. Burt	5. Date 2/14/97		

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

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MAR 19 1997

Mark E. Burt
ZENECA, Inc.
1800 Concord Pike
Wilmington, DE. 19850-5457

Subject: PROXEL DL
EPA Registration No. 10182-265
Notification Per PR-Notice 95-2

Dear Mr. Burt:

This will acknowledge receipt of your notification, to correct typographical errors in the Technical Information Bulletin, submitted under the provisions of FIFRA section 3 (c) 9. Based on a review of the submitted material, the following comments apply.

The application to delete the word "caution" following "environmental hazards" is acceptable and the notification has been made a part of the records for this file.

Sincerely,

Wanda Y. Mitchell
Notification Coordinator
Antimicrobial Program Branch
Registration Division (7505)

CONCURRENCES

SYMBOL	7505W							
SURNAME	Mitchell							
DATE	3-19-97							

ZENECA Biocides

PROXEL® DL Liquid Preservative for Aqueous Systems

SUMMARY

PROXEL® DL, an aqueous solution of 1,2 benzisothiazolin-3-one, is a microbiostat preservative for use in the manufacture of aqueous compositions such as oil in water emulsions (textile spin-finish solutions, cutting oils), latices, emulsion paints, water based adhesives, paper coating compositions (casein/rosin dispersions) and pesticide formulations.

PROXEL DL is registered with the Environmental Protection Agency and has been granted EPA Registration No. 10182-265.

GENERAL

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

<i>Staphylococcus aureus</i>	<i>Pseudomonas</i>
<i>Salmonella typhosa</i>	<i>aeruginosa</i>
<i>Klebsiella pneumoniae</i>	<i>Rhizopus stolonifer</i>
<i>Bacillus subtilis</i>	<i>Aspergillus penicillioideus</i>
<i>Bacillus megaterium</i>	<i>Aspergillus niger</i>
<i>Escherichia coli</i>	<i>Alternaria radicina</i>
<i>Proteus vulgaris</i>	<i>Tricophyton</i>
	<i>mentagrophytes</i>

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

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

PROPERTIES OF PROXEL DL

Composition:	A solution of 1,2 benzisothiazolin-3-one at 8.5% min in dipropylene glycol and water.
Physical Form and Appearance:	Dark brown liquid
Viscosity (25°C)	
Brookfield:	10 centipoise (approx.)
Specific Gravity (25°C/25°C):	1.08 (approx.)
Density (25°C):	8.9 lb/gal (approx.)
pH (25°C):	12 (approx.)
Initial Boiling Point:	100°C
Solubility:	Soluble in water at use dilutions
Stability:	Dilute aqueous solutions are stable in the presence of electrolytes at pH down to approximately 4.

DIRECTIONS FOR USE

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

PROXEL DL 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 DL (based on total weight of product)
Latices:	0.1-0.3
Polymer latices based on acrylate, butadiene, PVA and styrene for various applications, e.g., wax and floor polishes. Synthetic/rubber latices.	
Oil-in-water emulsions:	0.1-0.36
"Spin finish" solutions for use in the textile industry. Cutting/rolling oils. Soluble oils* (metal and engineering industries).	
Emulsion paint:	0.1-0.3
For preservation in the can	
Adhesives:	0.1-0.5
Carboxymethylcellulose (CMC) and derivatives, animal glues, adhesives based on gelatin and latex.	
Paper coating compositions:	0.1-0.3
(For use only as components of paper and paperboard)	
Rosin dispersions	
Starch and casein based products	
Pesticide formulations:	0.1-0.5
For product preservation	
For use — dilution	
Based on the current limit of 0.1% 1,2 benzisothiazolin-3-one in pesticide formulations, use levels up to 1.0% (10,000 ppm) PROXEL DL are allowed.	

GENERAL RECOMMENDATIONS

The concentration of PROXEL DL required to control microorganisms 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 control is required.

For protection against bacterial attack, a concentration within the range 0.04-0.7% PROXEL DL 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

HAZARD

Precautionary Statements

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

Corrosive. Causes severe eye and skin damage. May cause allergic skin reaction. Do not get in eyes, on skin or clothing. Wear goggles or face shield and rubber gloves when handling. Harmful or fatal if swallowed. Avoid contamination of food. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse.

Statement of Practical Treatment: In case of contact, immediately flush eyes or skin with plenty of water for at least 15 minutes. If irritation continues call a physician. Remove and wash contaminated clothing before reuse. If swallowed, drink promptly a large quantity of milk, egg whites, gelatin solution or if these are not available, drink large quantities of water. Avoid alcohol. Call a physician immediately.

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

ENVIRONMENTAL HAZARDS

This product is toxic to fish. Do not discharge into lakes, streams, ponds, estuaries, oceans or other public waters unless in accordance with an NPDES permit. 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. Do not contaminate water by cleaning of equipment or disposal of wastes. Do not apply in marine and estuarine oil fields.

STORAGE AND DISPOSAL***Prohibitions***

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

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 the pesticide residue remaining in the container 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.

SAFE HANDLING INFORMATION

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

For literature, samples and order information, please contact Customer Services: 800-523-7391.

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PROXEL is a registered trademark of ZENECA Limited



ISO9002
FS22484

FOR YOUR PROTECTION

ZENECA Inc. ("ZENECA") 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 ZENECA'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 ZENECA, and the buyer or user assumes the risk of any such use. ZENECA DISCLAIMS ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING ANY WARRANTY OF

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

IN NO EVENT SHALL ZENECA BE LIABLE FOR ANY SPECIAL, INCIDENTAL, OR CONSEQUENTIAL DAMAGES, INCLUDING LOST PROFITS, ON ANY THEORY WHATSOEVER, INCLUDING NEGLIGENCE, and ZENECA'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 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.

ZENECA Biocides

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Wilmington, DE 19897