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10182-265

US ENVIRONMENTAL PROTECTION AGENCY
OFFICE OF PESTICIDES PROGRAMS
REGISTRATION DIVISION (TS-767)
WASHINGTON, DC 20460

EPA REGISTRATION NO.

DATE OF ISSUANCE

10182-265

TERM OF ISSUANCE

OCT 30 1989

NOTICE OF PESTICIDE: ☐ REGISTRATION
☐ REREGERISTRATION

(Under the Federal Insecticide, Fungicide,
and Rodenticide Act, as amended)

NAME OF PESTICIDE PRODUCT

Proxel DL

NAME AND ADDRESS OF REGISTRANT (Include ZIP code)

NOTE: Changes in labeling formula 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 U.S. 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.

A copy of the labeling accepted in connection with this Registration/Reregistration is returned herewith.

Registration is in no way to be construed as an indorsement or approval of this product by this 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/reregistration of your product under FIFRA sec. 3(c)(5) when the Agency requires all registrants of similar products to submit such data.

2. Make the labeling changes listed below before you release the product for shipment:

- a. Add the phrase "EPA Registration No. 10182-265."
- b. Add the following statements to the left panel precautionary section:

Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse.

☒ ATTACHMENT IS APPLICABLE

SIGNATURE OF APPROVING OFFICIAL

DATE

c. Revise the descriptor:

For Industrial use only as a microbiostat preservative for aqueous compositions such as Oil in Water Emulsions, Latices, Emulsion Paints, Water Based Adhesives, Casein/Rosin Dispersions, Textile Spin-finish Solutions, and pesticide formulations.

to read:

A microbiostat preservative for use in the manufacture of aqueous compositions such as Latices, Oil in Water emulsions (textile spin-finish solutions, cutting oils), Emulsion paints, waterbase adhesives, paper coating compositions (casein/rosin dispersions) and pesticide formulations.

3. Make the following revisions to the Technical Information Bulletin:

- a. Delete the term: long term storage stability (page 1).

Note: Statements indicating indefinite periods of the product's stability are not permitted. Either delete the claim or specify a definite time period. FR Sept. 26, 1984 p. 37974.

- b. Delete the word: Protection (page 2).

- c. Delete the word: Ultimate (page 2). Note: Superlatives not permitted.

- d. Delete the reference to the tolerance (page 2). (FR Sept. 26, 1984, p. 37975.)

- e. Revise the heading (page 2) "paper coating compositions" to read:

Paper coating compositions (For use only as components of paper and paperboard).

Note: Unable to locate documentation to cover coatings 21 CFR 175. Subpart C.

Only 21 CFR 176.170 (paper and paperboard components contains the active chemical in your product.

- f. Delete the word "etc" page 2 (two locations).

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g. Add the following statement (page 3):

Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse.

h. Revise the descriptor in the Bulletin (Refer to item 2c of this letter.)

4. 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.

John H. Lee
Product Manager (31)
Antimicrobial Program Branch
Registration Division (H7505C)

Enclosure

PROXEL® DL

Industrial Microbiostat

For Industrial use only as a microbiostat preservative for aqueous compositions such as Oil in Water Emulsions, Latexes, Emulsion Paints, Water Based Adhesives, Casein/Rosin Dispersions, Textile Spin-finish Solutions, and pesticide formulations.

Precautionary Statements Hazardous to Humans and Domestic Animals

Corrosive. Causes severe eye and skin damage. May cause allergic skin reactions. Do not get in eyes, on skin, or clothing. Wear goggles or face shield and rubber gloves when handling. Irritating or fatal if swallowed. Avoid contamination of food.

ENVIRONMENTAL HAZARDS: This product is toxic to fish. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans, or public waters unless this product is specifically identified and addressed in 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.

Net Contents:

Active ingredient
10 Benzisothiazolone 3-one
Inert ingredients

94-
9%

KEEP OUT OF REACH OF CHILDREN DANGER

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

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

SEE SIDE PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS

EPA Reg. No. 10182-
EPA Est. No. 10182-NC-001

DIRECTIONS FOR USE

Use as directed on label. Do not use in a manner inconsistent with its labeling. See TTI Bulletin 64-0000-009 for directions for use.

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 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.

**CORROSIVE LIQUID, NOS
(Contains Sodium Hydroxide)
UN 1760**

PRODUCT CODE

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with COMMENTS
in EPA Letter Dated:

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ICI Americas Inc.
Wilmington DE 19897

February 3, 1989

64-0000-009

PROXEL® DL
LIQUID PRESERVATIVE FOR AQUEOUS SYSTEMS

SUMMARY

PROXEL DL, an aqueous solution of 1,2-benzisothiazolin-3-one, is an efficient microbiostat preservative for the following aqueous compositions: oil-in-water emulsions, latices, emulsion paints, water-based adhesives, casein and rosin dispersions, textile spin-finish solutions and pesticide formulations.

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:

Staphylococcus aureus
Salmonella typhosa
Aerobacter aerogenes
Bacillus subtilis
Bacillus megaterium
Escherichia coli
Proteus vulgaris

Pseudomonas aeruginosa
Rhizopus nigricans
Aspergillus glaucus
Aspergillus niger
Tricophyton mentagrophytes
Alternaria radicina

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

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

PROPERTIES OF PROXEL DL

Composition:	Essentially an aqueous solution of dipropylene glycol and 1,2-benzisothiazolin-3-one
Physical Form and Appearance:	Clear or faintly turbid dark brown-colored liquid
Viscosity:	7.0 ± 0.5 cps (20°C)
Specific Gravity:	1.08 (20°C)
pH:	13.0 ± 0.5
Solubility:	Miscible with water in all proportions
Stability:	Dilute aqueous solutions are stable in the presence of electrolytes at pH down to approximately 4.5

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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: Polymer latices based on acrylate, butadiene, PVA, styrene, etc. for various applications, e.g., wax, floor polishes, etc. Synthetic/rubber latices.	0.08-0.18
Oil-in-water emulsions: "Spin finish" solutions for use in the textile industry. Cutting/rolling oils. Soluble oils* (metal and engineering industries).	0.08-0.36
Emulsion paint: For preservation in the can	0.08-0.52
Adhesives: Carboxy methyl cellulose (CMC) and derivatives, animal glues, adhesives based on gelatin and latex	0.08-0.18
Paper coating compositions: Rosin dispersions Starch and casein-based products	0.08-0.18
Pesticide formulations: For product preservation For ultimate use - dilution protection	0.10-1.0

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PROXEL DL is exempt from tolerance under 40 CFR 180.1001(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 only. Based on the current 40 CFR 180.1001(d) limit of 0.1% BIT in formulations, use levels up to 1.0% (10,000 ppm) PROXEL DL are allowed.

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 controls are required.

For control of bacteria, a concentration within the range 0.04-0.70% PROXEL DL is almost invariably sufficient.

The control of mold growth, particularly on paste products of high solids content, may occasionally demand dosages above 0.70%.

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

A simple method of determining the effective dosage rate is to prepare samples of the product containing varying concentrations of PROXEL DL e.g., 0.04, 0.08, 0.12 and 0.30%. These can then be stored at approximately 25°C for a period of time and compared with a control sample of product containing no preservative stored under similar conditions.

KEEP OUT OF REACH OF CHILDREN
DANGER

PRECAUTIONARY STATEMENTS
HAZARD 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.

STATEMENT OF PRACTICAL TREATMENT: In case of contact, immediately flush eyes or skin with plenty of water for at least 15 minutes. For eyes call a physician. Remove and wash contaminated clothing before reuse. If swallowed, drink promptly a large quantity of 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 effluent containing this product into lakes, streams, ponds, estuaries, oceans, or public waters unless this product is specifically identified and addressed in 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.

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FOR YOUR PROTECTION

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