

PURIFIED PROXEL® PRESS PASTE

INDUSTRIAL MICROBIOSTAT

FOR FORMULATION OF BACTERIOSTATS AND PHOTOGRAPHIC EMULSION PRESERVATION

PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND
DOMESTIC ANIMALS

DANGER

CORROSIVE. CAUSES SEVERE EYE AND SKIN DAMAGE. MAY CAUSE ALLERGIC SKIN REACTIONS. DO NOT GET IN EYES, ON SKIN OR CLOTHING. WEAR GOGGLES OR FACESHIELD AND RUBBER GLOVES WHEN HANDLING. HARMFUL OR FATAL IF SWALLOWED. WASH THOROUGHLY WITH SOAP AND WATER AFTER HANDLING AND BEFORE EATING, DRINKING OR USING TOBACCO. REMOVE AND WASH CONTAMINATED CLOTHING BEFORE REUSE.

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 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. DO NOT CONTAMINATE WATER BY CLEANING OF EQUIPMENT OR DISPOSAL OF WASTES. DO NOT APPLY IN MARINE OR ESTUARINE OIL FIELDS.

EPA REG. NO. 72674-16
EPA EST. NO. 72674-DE-01

MANUFACTURED BY:

ACTIVE INGREDIENT:

1,2-BENZISOTHAZOLIN-3-ONE.....80 %

INERT INGREDIENTS.....20 %

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 PERSON SIP A GLASS OF WATER IF ABLE TO SWALLOW. DO NOT INDUCE VOMITING UNLESS TOLD TO DO SO BY POISON CONTROL CENTER OR DOCTOR. DO NOT GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.

MEDICAL EMERGENCY INFORMATION CENTER

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

DIRECTIONS FOR USE

IT IS A VIOLATION OF FEDERAL LAW TO USE THIS PRODUCT IN A MANNER INCONSISTENT WITH ITS LABELING. FOR REPACKAGING OR REFORMULATING AS A BACTERIOSTAT, EACH REPACKER OR REFORMULATOR MUST OBTAIN HIS OWN REGISTRATION FROM THE ENVIRONMENTAL PROTECTION AGENCY TO MARKET HIS PRODUCT. SEE T. I. BULLETIN FOR OTHER USE DIRECTIONS.

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 RINSE 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**

CONTENTS:

LBS. NET MINIMUM

Avecia

Medical Emergency Information Center - 800-286-7850
Chemical Emergency Response Center - 800-424-2466

P.O. Box 15457
Wilmington
Delaware 19850-5457
USA
800-435-8679

REV. DATE:
05/25/01

LOT NUMBER:

PRODUCT CODE:
84305

PROXEL is a registered trademark of Avecia Inc.

72674-16

8/6/2001

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EPA

7-10-01



ACCEPTED

AUG 06 2001

Under the Federal Insecticide, Fungicide, and
Rodenticide Act as amended, for the
pesticide, registered under
EPA Reg. No. 702674-16

CORROSIVE SOLID, NOS
(1,2-BENZISOTHIAZOLIN-3-ONE)
UN 1759

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Proxel[®] PURIFIED PRESS PASTE

Preservative

Technical Information Bulletin

Summary

Purified PROXEL Press Paste, an aqueous paste of 1,2-benzisothiazolin-3-one, is an efficient microbiostat preservative for aqueous compositions such as photographic emulsions.

Purified PROXEL Press Paste is registered with the Environmental Protection Agency, EPA Reg. No. 72674-16.

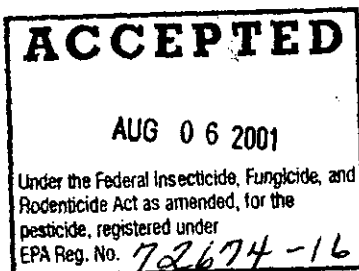
General

Photographic 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</i> |
| <i>Bacillus megaterium</i> | <i>pencilloides</i> |
| <i>Escherichia coli</i> | <i>Aspergillus niger</i> |
| <i>Proteus vulgaris</i> | <i>Alternaria radicina</i> |
| | <i>Tricophyton</i> |
| | <i>mentagrophytes</i> |

Purified PROXEL Press Paste is an effective preservative against growth of the above microbial agents and exhibits:

- Effective control of a wide range of organisms at economic concentrations.
- Long-term storage stability for up to one year.



Properties of Purified PROXEL Press Paste

- Composition:** An aqueous paste of 1,2-benzisothiazolin-3-one at 80% min.
- Physical Form and Appearance:** Off-white to pale yellow solid.
- Melting range:** 157.9-158.1°C
- Relative Density:** 1.41 at 20°C
- pH of 1% solution:** pH 4.8 to 5.4 at 21°C
- Solubility:** Soluble in water at use dilutions
- Stability:** Stable under all normal storage conditions. The active agent is heat stable and non-volatile. Protect from frost.

Directions for Use

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

Purified PROXEL Press Paste is an effective preservative in photographic emulsions. The suggested range of concentrations on which trials can be based are:

USE		% PURIFIED PROXEL Press Paste (based on total weight of product)
Photographic Emulsions: To preserve the integrity of photographic emulsions		0.0008-0.067
Inks		0.0125-0.0625

Keep Out of Reach of Children

DANGER

Precautionary Statements

Hazards 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. Harmful or fatal if swallowed. Wash thoroughly with soap and water after handling and before eating, drinking or using tobacco. Remove and wash contaminated clothing before reuse.

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 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.

**Medical Emergency Information Center
1-800-286-7850**

Have the product container or label with you when calling a poison control center or doctor, or going for treatment.

PROXEL is a registered trademark of Avecia Inc.

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, EXPRESS OR IMPLIED, INCLUDING ANY WAR-

RANTY 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 products or the formulations

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Note to Physician: Possible mucosal damage may contraindicate the use of gastric lavage following ingestion.

Environmental Hazards

Caution: 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 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. Do not contaminate water by cleaning of equipment or disposal of wastes.

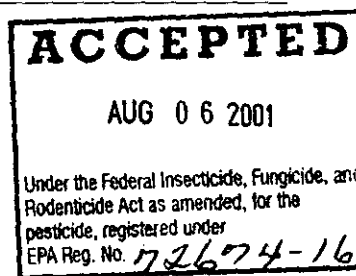
Safe Handling Information

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 information on spills, call 1-800-424-2466.

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

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



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

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