

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

- 2 -

f. Delete the statement: Aspiration may cause lung damage.

g. Revise the heading: "Hazards to Humans" to read:
Hazards to Humans and Domestic Animals.

h. Add a referral statement to the center panel to read:

See left panel for additional precautionary statements.

i. Revise; "...unless this product is specifically identified and addressed in an NPDES permit..." to read:
"...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..."

j. Revise the center panel descriptor to read:

A preservative for use in the manufacture of aqueous compositions such as adhesives, tape joint compounds, synthetic polymer emulsions and metalworking fluids (rolling and cutting fluids).

3. Make the labeling changes listed below before you release the product for shipment: (Technical Information Bulletin only).

a. Note the deleted use patterns.

b. The correct company is Zeneca, Inc according to our records not ICI.

c. Revise the Precautionary statements and Environmental Hazards statemets to conform to the label changes as requested in item #2 of this notice.

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.

Sincerely,



Marshall Swindell
Acting Product Manager (31)
Antimicrobial Program Branch
Registration Division (H7505C)

CONCURRENCES

| | | | | | | | | |
|---------|--|--|--|--|--|--|--|--|
| SYMBOL | | | | | | | | |
| SURNAME | | | | | | | | |
| DATE | | | | | | | | |

(CENTER PANEL)

ACCEPTED
with COMMENTS
in EPA Letter D-10-14

JUL 05 1994

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

10182-359

PROXEL® MX PRESERVATIVE

For industrial use only as a preservative in aqueous
or water containing products and systems

Active Ingredients:

| | |
|--------------------------------|--------|
| Glutaraldehyde..... | 46.5 |
| 1,2 Benzisothiazoln-3-one..... | 2.9 |
| Inert Ingredients..... | 50.6 |
| | 100.0x |

**KEEP OUT OF REACH OF CHILDREN
DANGER**

STATEMENT OF PRACTICAL TREATMENT

IF IN EYES: Immediately flush with plenty of water for at least 15 minutes.
Get immediate medical attention.

IF ON SKIN: Immediately wash with plenty of soap and water. Get medical
attention.

IF INHALED: Remove to fresh air. If breathing is difficult, administer
oxygen. If symptoms persist, call a physician.

IF SWALLOWED: DO NOT INDUCE VOMITING. Do not give anything to drink. Seek
medical advice with urgency. Note to Physician: Aspiration may cause lung
damage. Probable mucosal damage may contraindicate the use of gastric lavage.

EPA Reg. No. 10182-
EPA EST. No. 10182-NC-002

Manufactured by: ICI Americas Inc.
Specialty Chemicals
Wilmington, DE 19897
(302) 886-3000

Net Wt: 1bs

BEST AVAILABLE COPY

(LEFT PANEL)

PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS

DANGER

KEEP OUT OF REACH OF CHILDREN

Corrosive. Causes irreversible eye damage. Causes skin burns. Harmful if inhaled. May be fatal if swallowed. Harmful if absorbed through skin. May cause skin sensitization.

Do not get in eyes, on skin, on clothing.
Avoid breathing vapor. Do not swallow.
Wear goggles, protective clothing, and rubber gloves.
Wash thoroughly with soap and water after handling.
Remove contaminated clothing and wash before reuse.

ACCEPTED
with COMMENTS
in EPA Letter D-100

JUL 9 5 1994

Under the Federal Insecticide,
Fungicide, and Rodenticide Act,
amended, for the pesticide
registered under EPA Reg. No.
10185-389

Environmental Hazards

This pesticide is toxic to fish. Do not discharge effluent containing this active ingredient 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 into sewer systems without previously notifying the sewage treatment plant authority. For guidance, contact your State Water Board or Regional Office of the EPA.

STORAGE AND HANDLING

PROXEL MX is corrosive to many commonly used materials of construction such as steel, galvanized iron, aluminum, tin, and zinc. These solutions can be stored and handled in baked phenolic-lined steel, polyethylene, stainless steel, or reinforced epoxy-plastic equipment. Protect from freezing. Store at temperatures less than 80°F.

A stainless steel centrifugal pump is suggested for transfer service. Spiral wound stainless steel with TEFLON® is suitable for gaskets and packing.

STORAGE AND DISPOSAL

PESTICIDE DISPOSAL: Do not contaminate water, food, or feed by storage or disposal. Open dumping is prohibited. Pesticide wastes are toxic. 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 your Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

CONTAINER DISPOSAL: Metal containers or Plastic Containers. Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or other procedures approved by state and local authorities. Do not cut, or weld on or near metal containers. Plastic Containers: may be incinerated, if allowed by state and local authorities. If burned, stay out of smoke. Metal Containers: must not be incinerated.

BEST AVAILABLE COPY

(RIGHT PANEL)

DIRECTIONS FOR USE

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

See PROXEL MX Technical Information Bulletin for directions for use.

FOR YOUR PROTECTION

ICI Americas Inc. ("ICI") 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 ICI'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 ICI, and the buyer or user assumes the risk of any such use. ICI 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 ICI BE LIABLE FOR ANY SPECIAL, INCIDENTAL, OR CONSEQUENTIAL DAMAGES, INCLUDING LOST PROFITS, ON ANY THEORY WHATSOEVER, INCLUDING NEGLIGENCE, and ICI'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.

ACCEPTED
with COMMENTS
in EPA Letter dated

JUL 15 1994

Under the Federal Insecticide, Fungicide, and Rodenticide Act, this product is registered under EPA Reg. No.

10182-359

BEST AVAILABLE COPY

**Biocides****BEST AVAILABLE COPY**ACCEPTED
with COMMENTS
in EPA Letter Dated:

JUL 05 1994

Under the Federal Insecticide,
Fungicide, and Rodenticide Act,
amended, 1974, Biocides
registered under EPA Reg. No.

10182-359

**PROXEL® MX
Preservative****SUMMARY**

PROXEL® MX, an aqueous glutaraldehyde solution of 1,2 benzisothiazolin-3-one (BIT), is an efficient preservative for aqueous compositions such as [REDACTED] tape joint compounds, adhesives, [REDACTED] synthetic polymer emulsions, and cutting and rolling fluids.

GENERAL

Many aqueous dispersions and solutions can be seriously impaired during storage and use because of bacteria and fungi growth.

PROXEL MX is an effective preservative against growth of 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.
- Rapid antimicrobial activity.

PROPERTIES OF PROXEL MX

Composition: A solution of 1,2 benzisothiazolin-3-one (BIT) at 2.9% in aqueous glutaraldehyde (46.5%).

Physical Form

and Appearance: Brown liquid
Viscosity (20°C): 24 centipoise (approx.)
pH, 1.0% (20°C): 4 (approx.)
Density (20°C): 1.14 lb/gal (approx.)
Solubility: Soluble in water at use dilutions
Stability: Stable under all normal storage conditions. Protect from freezing and exposure to temperatures above 80°F.

DIRECTIONS FOR USE

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

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

% PROXEL MX
(based on total
weight of
product)

Product

[REDACTED]

Adhesives/Tape Joint Compounds: 0.025-0.50
Carboxymethylcellulose (CMC)
and derivatives, animal glues,
adhesives based on gelatin and
latex

[REDACTED]

Metalworking fluids: 0.005-0.30
Rolling and cutting fluids

Synthetic polymer emulsions 0.01-0.35

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 micro-organisms can gain access, the species involved, pH, temperature, and length of time for which protection is required.

For protection against bacterial attack, a concentration within the range 0.005-0.5% PROXEL MX is almost invariably sufficient.

In dilute fluid systems, spoilage is usually controlled with dosages not greater than 0.1%

KEEP OUT OF REACH OF CHILDREN**DANGER****Precautionary Statements****HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

Corrosive. Causes irreversible eye damage. Causes skin burns. Harmful if inhaled. May be fatal if swallowed. Harmful if absorbed through skin. May cause skin sensitization. Do not get in eyes, on skin, or clothing. Avoid breathing vapor. Do not swallow.

Wear goggles, protective clothing, and rubber gloves.

Wash thoroughly with soap and water after handling.

Remove contaminated clothing and wash before reuse.

Statement of Practical Treatment:

IF IN EYES: Immediately flush with plenty of water for at least 15 minutes. Get immediate medical attention.

IF ON SKIN: Immediately wash with plenty of soap and water. Get medical attention.

IF INHALED: Remove to fresh air. If breathing is difficult, administer oxygen. If symptoms persist, call a physician. **IF SWALLOWED:** DO NOT INDUCE VOMITING. Do not give anything to drink. Seek medical advice with urgency.

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

ENVIRONMENTAL HAZARDS

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iron, aluminum, tin, and zinc. These solutions can be stored and handled in baked phenolic-lined steel, polyethylene, stainless steel, or reinforced epoxy-plastic equipment.

Protect from freezing. Store at temperatures less than 80°F.

A stainless steel centrifugal pump is suggested for transfer service. Spiral wound stainless steel with TEFLON® is suitable for gaskets and packing.

STORAGE AND DISPOSAL**Pesticide Disposal**

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Container Disposal

Metal containers or Plastic containers: 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. Do not cut, or weld on or near metal containers.

Plastic containers: may be incinerated, if allowed by state and local authorities. If burned, stay out of smoke.

Metal containers: must not be incinerated.

SAFE HANDLING INFORMATION

Refer to the Material Safety Data Sheet (MSDS) available from ICI 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.

For technical information, please contact:

ICI Biocides

Application Research and Technical Services

Wilmington, Delaware 19897

(800) 822-8215 extension 8428

PROXEL is a registered trademark of Imperial Chemical Industries PLC.

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

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



Biocides

Wilmington, Delaware 19897

ACCEPTED FOR
WILMINGTON, DELAWARE
IN 1994
JUL 19 1994
100-82-359