PROXEL® TN Preservative
INDUSTRIAL MICROBIOSTAT

FOR INDUSTRIAL USE ONLY AS A MICROBIOSTAT PRESERVATIVE FOR AQUEOUS COMPOSITIONS SUCH AS PAINT, WATER EMULSIONS, LATTICES, EMULSION PAINTS, WATER BASED ADHESIVES, CASEIN/ROsin DISPERSIONS, TEXTILE FINISH SOLUTIONS, PESTICIDE FORMULATIONS, AQUEOUS SLURRIES, TITANIUM DIOXIDE SLURRIES, TAPE JOINT COMPOUND, LEATHER PROCESSING SOLUTIONS, AND FOR THE PRESERVATION OF FRESH ANIMAL HIDES AND SKINS.

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 FACE SHIELD AND RUBBER GLOVES WHEN HANDLING. HARMFUL OR FATAL IF SWALLOWED. INHALED OR ABSORBED THROUGH THE SKIN. 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 OTHER WATERS UNLESS IN ACCORDANCE WITH THE REQUIREMENTS OF A NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) PERMIT AND THE PERMITTING AUTHORITY HAS NOTIFIED YOU IN WRITING PRIOR TO DISCHARGE. DO NOT DISCHARGE EFFLUENT CONTAINING THIS PRODUCT TO SEWER SYSTEMS WITHOUT NOTIFYING THE LOCAL SEWAGE TREATMENT PLANT AUTHORITY. FOR GUIDANCE CONTACT YOUR STATE WATER BOARD OR REGIONAL OFFICE OR THE EPA. DO NOT DISCONTAMINATE WATER BY CLEANING OF EQUIPMENT OR DISPOSAL OF WASTES. DO NOT APPLY IN MARINE OR ESTUARINE OILFIELDS.

EPA REG. NO. 1258-1248
EPA EST. NO. 44616-MO-2

MANUFACTURED FOR:
Arch Chemicals Inc.
501 Merritt 7
Norwalk, CT 06856

ACTIVE INGREDIENT:
1,2-BENZISOTHIAZOLIN-3-ONE...........19.3%
INERT INGREDIENTS..................60.7%

KEEP OUT OF REACH OF CHILDREN.

DANGER

FIRST AID
IF IN EYES: HOLD EYES OPEN AND RINSE SLOWLY AND GENTLY WITH WATER FOR 15 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 AND 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.

IF INHALED: MOVE PERSON TO FRESH AIR. IF PERSON IS NOT BREATHING CALL 911 OR AN AMBULANCE AND THEN GIVE ARTIFICIAL RESPIRATION, PREFERABLY MOUTH-TO-MOUTH, IF POSSIBLE. CALL A POISON CONTROL CENTER OR DOCTOR FOR FURTHER TREATMENT.

MEDICAL EMERGENCY INFORMATION CENTER
1-866-654-0911

HAVE THE PRODUCT CONTAINER OR LABEL WITH YOU WHEN CALLING A POISON CONTROL CENTER OR DOCTOR, OR GOING FOR TREATMENT.

NOTE TO PHYSICIAN
PROBABLE MUCOUS DAMAGE MAY CONTRIBUTE TO THE USE OF GASTRIC LAVAGE.

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. SEE IF I BULLETIN 00105 FOR DIRECTIONS FOR USE.

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 RINSEWATER IS A VIOLATION OF FEDERAL LAW. 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 1-866-654-0911

CONTENTS: 50 LBS. NET MINIMUM
(APPROX. 8 U.S. GALLONS)

PROXEL is a registered trademark of Arch UK Biocides, Ltd.

USAMade Inc.
PROXEL™ TN
Preservative

SUMMARY
PROXEL™ TN is an aqueous solution of a synergistic blend of 1,2-benzisothiazolin-3-one together with hexahydro-1,3,5-tris(2-hydroxyethyl)-s-triazine. It is an efficient preservative for aqueous compositions such as latex emulsions, paint, oil in water emulsions, adhesives, tape joint compounds, and pigment dispersions.

PROXEL TN is registered with the Environmental Protection Agency and has been granted EPA Registration No. 1258-1248.

GENERAL
Many aqueous industrial compositions can support the growth of a wide range of microorganisms. These organisms can chemically destroy the components of these formulations and render them unusable. PROXEL TN is effective against a broad spectrum of these common spoilage organisms. Examples of these organisms include the following:

Bacteria
Pseudomonas aeruginosa
Pseudomonas putida
Enterobacter cloacae
Bacillus subtilis
Proteus vulgaris

Yeast
Saccharomyces cerevisiae (turidans)
Rhodotorula rubra
Endomyces albicans

Fungi
Aureobasidium pullulans
Aspergillus niger
Alternaria alternata
Chaetomium globosum
Cladosporium cladosporoides
Penicillium notatum

Properties of PROXEL TN

<table>
<thead>
<tr>
<th>Composition:</th>
<th>A solution of 1,2 benzisothiazolin-3-one in hexahydro-1,3,5-tris(2-hydroxyethyl)-s-triazine and water.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physical Form and Appearance:</td>
<td>Dark brown liquid</td>
</tr>
<tr>
<td>Viscosity (25°C):</td>
<td>60 cps</td>
</tr>
<tr>
<td>Specific Gravity (25°C/25°C):</td>
<td>1.13 (approx)</td>
</tr>
<tr>
<td>Reaction</td>
<td>pH (25°C): 12.0</td>
</tr>
<tr>
<td>Density:</td>
<td>9.4 lb./gal. (approx.)</td>
</tr>
<tr>
<td>Initial Boiling Point:</td>
<td>110°C</td>
</tr>
<tr>
<td>Solubility:</td>
<td>Soluble in water at use dilutions. Stable under normal conditions of storage down to -10°C. If frozen, allow to thaw before use.</td>
</tr>
<tr>
<td>Stability:</td>
<td></td>
</tr>
</tbody>
</table>

Arch Biocides
PROXEL™ TN
Preservative

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

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

<table>
<thead>
<tr>
<th>Product</th>
<th>% PROXEL TN (based on total weight of product)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Latices:</strong></td>
<td>0.05-0.20</td>
</tr>
<tr>
<td>Natural and synthetic polymer latices based on acrylate, butadiene, PVA, styrene and other monomers. For use in various applications, e.g., waxes, paint, floor polishes.</td>
<td></td>
</tr>
<tr>
<td><strong>Paints and Stains:</strong></td>
<td>0.05-0.20</td>
</tr>
<tr>
<td>For in-can preservation.</td>
<td></td>
</tr>
<tr>
<td><strong>Oil-in-water emulsions:</strong></td>
<td>0.025-0.20</td>
</tr>
<tr>
<td>Metalworking fluids of the soluble oil, semi-synthetic or synthetic type, for use in various applications, e.g., cutting, grinding, and rolling fluids. “Spin finish” solutions for use in various applications e.g. textiles.</td>
<td></td>
</tr>
<tr>
<td><strong>Adhesives:</strong></td>
<td>0.10-0.20</td>
</tr>
<tr>
<td>Adhesives based on latex, gelatin, animal glues, carboxymethylcellulose (CMC) and derivatives.</td>
<td></td>
</tr>
<tr>
<td><strong>Tape Joint Compounds:</strong></td>
<td>0.05-0.30</td>
</tr>
<tr>
<td>Wallboard, spackling, and drywall joint products.</td>
<td></td>
</tr>
<tr>
<td><strong>Aqueous Mineral slurries:</strong></td>
<td>0.01-0.20</td>
</tr>
<tr>
<td>Mineral slurries such as calcium carbonate, kaolin, and titanium dioxide.</td>
<td></td>
</tr>
<tr>
<td><strong>Inks and Dyes:</strong></td>
<td>0.025-0.15</td>
</tr>
<tr>
<td>Water based inks, ink concentrates, and fountain solutions.</td>
<td></td>
</tr>
<tr>
<td><strong>Pigment Dispersions:</strong></td>
<td>0.05-0.30</td>
</tr>
<tr>
<td>Pigment dispersions and pigment cakes.</td>
<td></td>
</tr>
</tbody>
</table>

**Specialty Products and Household Products**

**Laundry Additives:** 0.05-0.30
Liquid laundry detergents, fabric softeners, stain removers.

**Home Cleaning Products:** 0.05-0.30
Floor cleaners, floor waxes and polishes, hard surface cleaners, window cleaners, dish detergents.

**Car Care Products:** 0.05-0.30
Car Washing Products – Surfactant/detergent solutions, silicone emulsions.

Not for use in preserving aqueous compositions which may come in contact with food.

**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 0.01-0.30% PROXEL TN is almost invariably sufficient.
PROXEL™ TN
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KEEP OUT OF REACH OF CHILDREN

DANGER

PRECAUTIONARY STATEMENTS
HAZARDOUS TO HUMANS AND DOMESTIC ANIMALS
Corrosive, causes eye damage. Do not get in eyes. Avoid contact with skin or clothing. Harmful if swallowed or absorbed through the skin. May be fatal if inhaled. Do not breathe vapor or spray mist. Wear a mask or pesticide respirator approved by the National Institute for Occupational Safety and Health. May cause allergic skin reaction. Wear goggles or face shield and rubber gloves when handling.

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 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 by a poison control center or doctor. Do not give anything by mouth to an unconscious person.

If on Skin: Remove contaminated clothing and wash clothing before re-use. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment.

If Inhaled: Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth, if possible. Call a poison control center or doctor for further treatment.

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: Possible 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 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.
PROXEL™ TN
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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.

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

For more information, visit our website at: www.archchemicals.com

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SAFE HANDLING INFORMATION
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FOR YOUR PROTECTION
Arch Chemicals, Inc. ("Arch") 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 Arch'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 Arch, and the buyer/user assumes the risk of any such use. ARCH DISCLAIMS ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING ANY WARRANTY OF MERCHANTABILITY. Statements herein, therefore, should not be construed as representations or warranties.

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