REPUTAIN® B30
Preservative

Active ingredient(s)
2-Bromo-2-nitropropane-1,3-diol...............30.0%
Inert Ingredient(s)..................................70.0%
Total..................................................100.0%

FIRST AID
If in Eyes: Wash immediately and continuously with flowing water for at least 30 minutes.
Remove contact lenses after the first 5 minutes and continue washing. Obtain prompt medical
consultation, preferably from an ophthalmologist.
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
the Poison Control Center or doctor. Do not give anything by mouth to an unconscious
person.
If on Skin: Take off contaminated clothing. 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 by mouth-to-mouth, if possible. Call a Poison
Control Center or doctor for treatment advice.

HOT LINE NUMBER
IN CASE OF AN EMERGENCY endangering life or property involving this product, call 1-800-
654-6911. Have the product container or label with you when calling a Poison Control Center
or doctor going for treatment.
NOTE TO PHYSICIAN: Probable mucosal damage may contraindicate the use of gastric lavage.

Distributed by:

ARCH
Arch Chemicals, Inc.

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Atlanta, GA 30328

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EPA Reg. No. 464-685-1258

EPA EST NO. 072714-TN-001
KEEP OUT OF REACH OF CHILDREN

DANGER

PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS
CORROSIVE; CAUSES IRREVERSIBLE EYE DAMAGE AND SKIN BURNS. HARMFUL IF SWALLOWED, ABSORBED THROUGH THE SKIN OR INHALED. PROLONGED OR FREQUENTLY REPEATED SKIN CONTACT MAY CAUSE ALLERGIC REACTION IN SOME INDIVIDUALS. Do not breathe vapor or spray mist. Do not get in eyes, on skin, or on clothing. Wear goggles and chemical resistant gloves. Wash thoroughly with soap and water after handling and before eating, drinking, or using tobacco. Remove contaminated clothing and wash clothing before reuse.

Personal Protective Equipment
Applicators and other handlers must wear long-sleeve shirt and long pants, socks plus shoes, and chemical resistant gloves.

User Safety Requirements
Follow manufacturer’s instruction for cleaning/maintaining personal protective equipment (PPE). If there are no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry. Discard clothing or other absorbent materials that have been drenched or heavily contaminated with this product’s concentrate. Do not reuse them.

User Safety Recommendations
Users should wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet if pesticide gets inside clothing. Remove clothing immediately, wash thoroughly, and put on clean clothing. Users should remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

Application Restrictions
Do not apply this product in a way that will contact workers or other persons.

ENVIRONMENTAL HAZARDS

This pesticide 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.

STORAGE & DISPOSAL

Do not contaminate water, food, or feed by storage or disposal.

Pesticide Storage: Keep away from heat.
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 of the nearest EPA Regional Office for guidance.
Container Disposal: Nonrefillable container. Do not reuse or refill this container. Triple rinse (or equivalent) promptly after emptying. Then offer container for recycling or reconditioning, or puncture and dispose in sanitary landfill, or by other procedures approved by state and local authorities.
DIRECTIONS FOR USE

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

GENERAL USE DIRECTIONS

...To control the growth of slime-forming, spoilage, odor-causing and corrosion inducing bacteria and algae in industrial applications.

Not For Control Of Algae in The State of California

REPUTAIN B30 Preservative can be dosed directly either by open pouring or by metered pump. Do not apply by open pouring of liquid to cooling water systems; a metering pump system is required for this use and application method.

For in can product preservation REPUTAIN B30 Preservative is best added to any liquid phase as late as possible during the manufacturing process and after any heating stage, or when the product has cooled to below 40 °C. Ensure good mixing and even distribution throughout the product.

INDUSTRIAL RECYCLING WATER COOLING TOWERS AND EVAPORATIVE CONDENSERS

REPUTAIN B30 Preservative may be dosed directly into the sump or basin or it may be added by a suitable chemical pump. Where metering pumps are used, these must be set to deliver the required dose within 1 hour. The dosing point should be located close to the inlet from the basin to ensure rapid dispersal around the system. REPUTAIN B30 Preservative may be dosed once or twice weekly at 70-280 ml/cubic meter or 0.56-2.2 pt/1000 gallons (25 to 100 ppm active ingredient) depending on the condition of the tower, the quality of raw water input and the amount of bleed off. Where contamination is heavy, more frequent dosing may be required. In heavily foiled systems, the tower should be drained and cleaned before treating with REPUTAIN B30 Preservative.

INDUSTRIAL PROCESS WATER

For use in closed circuit machine cooling (injection molding, etc.) and stored (non-potable) water to reduce the biofouling of pipework, heat exchangers, condenser tubes and minimize microbiologically produced corrosion. Shock dosing into the sump/tank of the process water system is preferred. Closed circuit systems require less frequent dosing. In open systems, shock dosing should be carried out on a once weekly to once monthly basis depending on the degree of contamination. Initially dose at 140 ml/cubic meter, or 1.1 pt/1000 gallons (50 ppm active ingredient). When successful, dosing can be lowered to a minimum level equivalent to 10 ppm active ingredient. For intermittent treatment or during routine maintenance use REPUTAIN B30 Preservative at 100 ppm active ingredient, and a contact time of at least one hour.

ADHESIVES

For control of microbial contamination, add 0.34 to 3.4 lb of REPUTAIN B30 Preservative per 1000 lb total formulation weight. The addition is best accomplished by adding the product to any water to be incorporated into the formulation.

PAPER MILL PROCESS WATER

Apply at a convenient point early in the process system (machine chest, constant head box or backwater loop system). Shock dose once, twice or three times daily at 1 to 25 ppm a.i. in the process water. This equates to 50 and 700 ml (0.16 and 1.5 pt) per ton of fluffed paper or paperboard depending on the complexity of the system, quality of raw paper and type and degree of contamination.

PAPER MILLS-BULK PULP

Add REPUTAIN B30 Preservative directly into the hydropulper, machine chest or stock chest. Add REPUTAIN B30 Preservative once weekly to once daily at between 130 and 560 ml per ton of stock or 1.1-4.4 pt/1000 gallons (50-200 ppm active ingredient) depending on the degree of contamination.

PAINTS AND LATEX

For in-can preservation of acrylic, styrene-acrylic, polyvinyl acetate and other latex emulsion concentrates, latex emulsion based paints. Add REPUTAIN B30 Preservative at 70 to 1400 ml/cubic meter or 0.56-11.2 pts/1000 gallons based on the final formulation volume (25-500 ppm active ingredient).

USES UNAPPROVED IN CALIFORNIA

MINERAL SLURRIES

For the control of microbial contamination in mineral slurries, the recommended use rates of REPUTAIN B30 Preservative are 98-3400 ml/cubic meter or 0.78-11.2 pts/1000 gallons based on the final formulation volume (35 to 500 ppm active ingredient).

WATER BASED INKS

To inhibit the growth of spoilage bacteria during the storage and use of water based inks. For in-can preservation, REPUTAIN B30 Preservative should be dosed at 70-1400 ml/cubic meter or 0.56-11.2 pts/1000 gallons based on the final formulation volume (25-500 ppm active ingredient).

CONSUMER, HOUSEHOLD AND INSTITUTIONAL PRODUCTS

For the preservation of products including, but not limited to, all purpose cleaners, detergents, and wipes. REPUTAIN B30 Preservative should be dosed at 70-1400 ml/cubic meter or 0.56 to 11.2 pts/1000 gallons based on the final formulation volume (25 to 500 ppm active ingredient).

LIMITED WARRANTY AND DISCLAIMER

Seller warrants that the product conforms to its chemical description as contained on this label and is reasonably fit for the purposes stated on this label when used in accordance with directions under normal conditions of use. THE WARRANTIES MADE IN THIS PARAGRAPH ARE SELLER'S SOLE WARRANTIES WITH RESPECT TO THE PRODUCT AND ARE MADE EXPRESSLY IN LIEU OF AND EXCLUDE ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE AND ALL OTHER EXPRESS OR IMPLIED REPRESENTATIONS AND WARRANTIES.

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