

**PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

CORROSIVE : Causes irreversible eye damage. **May be fatal if swallowed. Do not get in eyes, on skin or on clothing. Do not breathe dust.** When loading or handling wear protective eyewear (goggles or face shield), wear long sleeved shirt, long pants, socks, shoes and chemical-resistant gloves. Prolonged or frequently repeated skin contact may cause allergic reaction in some individuals. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Remove and wash contaminated clothing before reuse.

Personal Protective Equipment (PPE): Long sleeved shirt, long pants, shoes plus socks, eye protection, approved respirator, chemical-resistant gloves and a chemical resistant apron must be worn when handling.

USER SAFETY REQUIREMENTS:

Users must wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet. Users must remove clothing immediately if pesticide gets inside. Wash the outside of gloves before removing. Keep and wash PPE separately from other laundry. Then wash thoroughly and put on clean clothing. Users must remove PPE immediately after handling this product. Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washable exist, use detergent and hot water. Keep and wash PPE separately from other laundry.

FORMULA 3040

DBNPA

A MICROBIOCIDAL BACTERICIDE, FUNGICIDE, ALGAECIDE AND SLIMICIDE, USED IN TREATING RECIRCULATING COOLING WATER, IN INDUSTRIAL COOLING SYSTEMS, BREWERY PASTEURIZER WATER, NON-POTABLE REVERSE OSMOSIS SYSTEMS, AND AIR-WASHER SYSTEMS.

ACTIVE INGREDIENT: 2,2-Dibromo-3-nitropropionamide.....98%
OTHER INGREDIENTS: 2%
TOTAL: 100%

KEEP OUT OF REACH OF CHILDREN

DANGER

See side panels for additional precautionary statements

**EPA Reg. No. 8622-56-8540
EPA Est. No. 10076-IL-4**

NET CONTENTS: 12 LBS. (12 X 1LBS.)

WARRANTY

Seller warrants that this product conforms to its chemical description and is reasonably fit for the purposes stated on the label when used in accordance with label directions under normal conditions of use, but to the extent consistent with applicable law, neither this warranty nor any other warranty of MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, express or implied, extends to the use of this product contrary to label instructions, or under abnormal conditions, or under conditions not reasonably foreseeable to Seller, and Buyer assumes the risk of any such use.

Distributed by:

**Garratt-Callahan Company
50 Ingold Road
Burlingame, CA 94010-2206**

ENVIRONMENTAL HAZARDS

This product is toxic to fish and invertebrates. Do not contaminate water by cleaning of equipment or disposal of waste.

CHEMICAL AND PHYSICAL HAZARDS

Reaction with strong reducing agents may be explosive. Avoid comminution and dusting.

DIRECTIONS FOR USE

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

TREATING RECIRCULATING COOLING WATER IN INDUSTRIAL OR COMMERCIAL COOLING SYSTEMS

NOTE: Add FORMULA 3040 separately to the system. Do not mix it with other additives, so as to avoid decomposition of FORMULA 3040 due to the high pH of many additive formulations. Add FORMULA 3040 to the basin (or any other point of uniform mixing). Addition must be made via a metering pump or chemical feed dispenser with control release mechanism that accompanies this product's container. It may be continuous or intermittent, depending on the severity of the contamination when treatment is begun, and the in-system retention time. Optimum performance with this product is achieved by continuous or intermittent treatment. If "shock" treatment is used, the blowdown must be discontinued for 24-48 hours.

FOR CONTROL OF BACTERIA

Add sufficient FORMULA 3040 to reach a concentration in the system of 0.2 – 2.3 ppm active ingredient, depending on the severity of contamination.

INTERMITTENT OR SLUG METHOD

Initial Dose: When the system is noticeably fouled, add sufficient FORMULA 3040 to reach a concentration in the system of 1.2 – 2.3 ppm active ingredient. Repeat until control is achieved.

Subsequent Dose: When microbial control is evident, add 0.6 – 2.3 ppm FORMULA 3040 to the system every 4 days, or as needed to maintain control. Badly fouled systems must be cleaned before treatment is begun.

CONTINUOUS FEED METHOD

Initial Dose: When the system is noticeably fouled, add sufficient FORMULA 3040 to achieve a concentration in the system of 1.2 – 2.3 ppm.

Subsequent Dose: Maintain a concentration of 0.2 – 1.2 ppm FORMULA 3040 in the system. Badly fouled systems must be cleaned before treatment is begun.

FOR CONTROL OF FUNGI AND ALGAE

Add sufficient FORMULA 3040 to reach a concentration in the system of 7.0 – 23.0 ppm active ingredient, depending on the severity of contamination.

INTERMITTENT OR SLUG METHOD

Initial Dose: When the system is noticeably fouled, add sufficient FORMULA 3040 to achieve a concentration in the system of 11.6 – 23.0 ppm active ingredient. Maintain until control is achieved.

Subsequent Dose: When microbial control is evident, add sufficient FORMULA 3040 daily to maintain a concentration in the system of 7.0 – 23.0 ppm active ingredient, or as needed to maintain control. Badly fouled systems must be cleaned before treatment is begun.

CONTINUOUS FEED METHOD

Initial Dose: When the system is noticeably fouled, add sufficient FORMULA 3040 to reach a concentration in the system of 11.6 – 23.0 ppm active ingredient.

Subsequent Dose: Maintain a continuous feed of 7.0 – 23.0 ppm FORMULA 3040 in the system. Badly fouled systems must be cleaned before treatment is begun.

TREATING BREWERY PASTEURIZER WATER

For controlling (or inhibiting) the growth of bacteria, fungi or yeasts in brewery pasteurizing water systems, add FORMULA 3040 at a point in the system to insure uniform mixing via metering pump or chemical feed dispenser with control release mechanism that accompanies this product's container.

Initial or Slug Dose: When the system is noticeably fouled, add sufficient FORMULA 3040 to achieve a concentration of 60.6 ppm active ingredient in the system. Repeat until control is achieved.

Subsequent Dose: When microbial control is evident, maintain a concentration of 24.4 – 48.4 ppm FORMULA 3040 in the system, or as needed to maintain control. Additions of FORMULA 3040 product can be made continuously or intermittently. Slug the system as required. Badly fouled systems must be cleaned before treatment is begun.

DIRECTIONS FOR TREATING AIR-WASHER SYSTEMS

Add sufficient FORMULA 3040 via metering pump or chemical feed dispenser with control release mechanism that accompanies this product's container to reach a concentration in the system of 0.35 – 22.1 ppm active ingredient, depending on the severity of contamination to control slime-forming bacteria and fungi in industrial air-washing systems.

INTERMITTENT OR SLUG METHOD

Initial Dose: When the system is noticeably fouled, add sufficient FORMULA 3040 to reach a concentration in the system of 0.7 – 22.1 ppm active ingredient. Repeat until control is achieved.

Subsequent Dose: When microbial control is evident, add sufficient FORMULA 3040 every 2 days to reach a concentration in the system of 0.35 – 10.9 ppm active ingredient, or as needed to maintain control. Badly fouled systems must be cleaned before treatment is begun.

CONTINUOUS FEED METHOD

Initial Dose: When the system is noticeably fouled, add sufficient FORMULA 3040 to achieve a concentration in the system of 0.7 – 22.1 ppm active ingredient.

Subsequent Dose: Maintain this level by pumping a continuous feed of 0.35 – 10.9 ppm active ingredient in the system per day. Badly fouled systems must be cleaned before treatment is begun.

NOTE: For use only in industrial air-washer systems that maintain effective mist eliminating components.

TREATING NON-POTABLE REVERSE OSMOSIS SYSTEMS

For controlling bacteria, fungi and algae slimes in non-potable Reverse Osmosis Systems and peripheral equipment, add FORMULA 3040 to the system inlet water or before any other contamination area ahead of the Reverse Osmosis unit.

FORMULA 3040 **must** be added with a metering pump on an intermittent basis depending on the severity of contamination and the guidelines specified by the membrane manufacturer for FORMULA 3040. Add sufficient FORMULA 3040 to achieve a concentration of 0.2 – 2.0 ppm in the feedwater.

During use of FORMULA 3040 both permeate and reject waters must be directed to the drain. Once treatment is completed, rinsing with feedwater **must** continue until conductivity values in the permeate are at or below values before treatment with FORMULA 3040. Badly fouled systems **must** be cleaned before treatment is begun.

FOR CONTROL OF BACTERIA

Initial Dose: When the system is noticeably fouled, add sufficient FORMULA 3040 to achieve a concentration of 1.2 – 2.4 ppm active ingredient in the feedwater. Minimum treatment intervals **must** be 15 minutes. Repeat until control is achieved or as specified by guidelines recommended by the membrane manufacturer.

Subsequent Dose: When microbial control is achieved, maintain a concentration of 0.6 – 2.4 ppm of FORMULA 3040 in the feedwater, or as specified by guidelines recommended by the membrane manufacturer.

FOR CONTROL OF FUNGI AND ALGAE

Initial Dose: When the system is noticeably fouled, add 12.0 – 24.0 ppm FORMULA 3040 to the feedwater. Minimum treatment intervals **must** be 15 minutes. Repeat until control is achieved or as specified by guidelines recommended by the membrane manufacturer.

Subsequent Dose: When microbial control is achieved, maintain a concentration of 7.2 – 24.0 ppm of FORMULA 3040 in the feedwater, or as specified by guidelines recommended by the membrane manufacturer.

STORAGE AND DISPOSAL

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

PESTICIDE STORAGE

Store in a dark, cool, dry, well-ventilated area, in well-closed original containers, away from energy sources, combustible organic materials, oxidizers, and moisture.

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 HANDLING

Non-refillable container. Do not reuse or refill this container. Completely empty **canister** into application equipment. If not emptied in this manner, the **canister** may be considered an acute hazardous waste and must be disposed in accordance with local, state and federal regulations. When completely empty, offer for recycling, if available, or dispose of **canister** in a sanitary landfill or by incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

SPILLS

When handling or dealing with spills, use impact-resistant goggles with side shields, or face shield; wear body-covering clothes, including chemical-resistant gloves and boots; use a dust respirator if dusting occurs. Sweep up dry spills and dispose of as described for pesticide disposal. Cover wet spills with 10% sodium bicarbonate solution, water and then an inert absorbent before sweeping up and disposing of as described for pesticide disposal. If drum contents are contaminated or decomposing, isolate unsealed drum in the open or in a well-ventilated area; flood with 10% sodium bicarbonate solution and large volumes of water, if necessary.

| FIRST AID | |
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| If in eyes | <ul style="list-style-type: none"> •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 | <ul style="list-style-type: none"> •Call a poison control center or doctor immediately for treatment advice. •Have a 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 or clothing | <ul style="list-style-type: none"> •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 inhaled | <ul style="list-style-type: none"> •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 advice. |
| <p>Have the product container or label with you when calling a poison control center or doctor or going for treatment. YOU MAY ALSO CONTACT 1-800-420-9236 FOR EMERGENCY MEDICAL TREATMENT INFORMATION.</p> | |
| <p>NOTE TO PHYSICIAN *Probable mucosal damage may contraindicate the use of gastric lavage.*</p> | |