

**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.

Do not breathe vapor or spray mist • Do not get in eyes, on skin, or on clothing. • Wear goggles or face shield, protective clothing, and rubber (or 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. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals

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 AND 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:

Option to Use for Nonrefillable Containers:

Nonrefillable Container: Do not reuse or refill this container. Triple or pressure rinse container (or equivalent) promptly after emptying. Then offer for recycling if available or puncture and dispose of in a sanitary landfill, or, by incineration, or if allowed by state and local authorities, by burning. If burned, stay out of smoke.

Option to Use for Refillable Containers:

Refillable container: Refill this container with pesticide only. Do not reuse this container for any other purpose. Cleaning of the container before final disposal is the responsibility of the person disposing of the container. Cleaning before refilling is the responsibility of the refiller. To clean container before final disposal, empty contents into application equipment and triple rinse. Pour or pump rinsate into application equipment or rinsate collection system. Then offer for recycling, if available, or puncture and dispose of in a sanitary landfill, or by incineration, or by other procedures allowed by state and local authorities.

AQUCAR™ BP 40 Water Treatment Microbiocide

Active Ingredient(s)

2-Bromo-2-nitropropane-1,3-diol **40.8%**

Inert Ingredient(s): **59.2%**

Total **100.0%**

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FIRST AID

IF IN EYES	<ul style="list-style-type: none">• Wash immediately and continuously with flowing water for at least 30 minutes.• Remove contact lenses if present after the first 5 minutes and continue rinsing eye.• Obtain prompt medical consultation, preferably from an ophthalmologist.
IF SWALLOWED	<ul style="list-style-type: none">• Call 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.
IF ON SKIN	<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.
IF INHALED	<ul style="list-style-type: none">• 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.

HOT LINE NUMBER

IN CASE OF AN EMERGENCY endangering life or property involving this product, call collect (989)636-4400. Have the product container or label with you when calling a Poison Control Center or doctor or going for treatment.

NOTE TO PHYSICIAN: Probable mucosal damage may contraindicate the use of gastric lavage.

Produced for:



STATE OF HAWAII Department of Agriculture E.P.A. Registration No. 464-676

ACCEPTED

LICENSE NO. **9197.355**

Disc.

The Dow Chemical Company
Midland, Michigan 48674

(989) 636-4400

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**NET CONTENTS: 53.6 gallons
NET WT: 550 lb / 250 kg
LOT:**

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.**

AQUCAR BP 40 Water Treatment Microbiocide 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 AQUCAR BP 40 Water Treatment Microbiocide 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 below 40 °C. Ensure good mixing and even distribution throughout the product.

Applicators and other handlers must wear long-sleeve shirt and long pants, socks plus shoes, and chemical resistant gloves. Do not apply this product directly in a way that will contact workers or other persons. 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. 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.

INDUSTRIAL RECIRCULATING WATER COOLING TOWERS AND EVAPORATIVE CONDENSERS

AQUCAR BP 40 Water Treatment Microbiocide 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 outlet from the basin to ensure rapid dispersal around the system. AQUCAR BP 40 Water Treatment Microbiocide may be dosed once or twice weekly at 52-210 ml/cubic meter or 0.42-1.6 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 fouled systems, the tower should be drained and cleaned before treating with AQUCAR BP 40 Water Treatment Microbiocide.

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 microbially 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 105 ml/cubic meter, or 0.8 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 AQUCAR BP 40 Water Treatment Microbiocide at 100 ppm active ingredient, and a contact time of at least one hour.

OIL AND GAS FLUIDS

This product may be used in terrestrial and off-shore drilling muds and packer fluids. Use for In-can preservation of a wide range of gels and fluids including fracturing, enhanced oil recovery, injection, well squeeze, drilling, workover and completion fluids. Add AQUCAR BP 40 Water Treatment Microbiocide at 105-210 ml/cubic meter (0.8-1.6 pt/1000 gallons, or 0.035-0.07 pt/barrel) which is equivalent to 50-100 ppm active ingredient. For well squeezed fluids add AQUCAR BP 40 Water Treatment Microbiocide at 52-420 ml/cubic meter, or 0.42-3.38 pt/1000 gallons (25-200 ppm active ingredient).

OIL PROCESS WATERS

For use in oil and gas well injection and formation waters. Inject AQUCAR BP 40 Water Treatment Microbiocide as a slug dose directly into well and formation waters at 52-210 ml/cubic meter; 0.42-1.6 pt/1000 gallons or 0.0177-0.07 pt/barrel, 25-100 ppm active ingredient). A slug dose should be applied from once per week to once per month depending on the severity of contamination.

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 one, twice or three times daily at 1 to 25 ppm a.i. in the process water. This equates to 22 and 525 ml (0.45 and 1.13 pt) per ton of finished 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 AQUCAR BP 40 Water Treatment Microbiocide directly into the hydropulper, machine chest or stock chest. Add AQUCAR BP 40 Water Treatment Microbiocide once weekly to once daily at between 113 and 421 ml per ton of stock or 0.83-3.3 pt/1000 gallons (50-200 ppm active ingredient) depending on the degree of contamination.

USES UNAPPROVED IN CALIFORNIA

OIL AND GAS PIPELINE AND TANK MAINTENANCE

For use in water bottoms in crude and refined hydrocarbon storage tanks, piping and transportation systems. Inject AQUCAR BP 40 Water Treatment Microbiocide directly into the water bottom or pipeline, or add to the hydrocarbon phase. Treat once daily for pipeline maintenance to once every one or two months for both storage and transportation systems. Apply AQUCAR BP 40 Water Treatment Microbiocide at 52-420 ml/cubic meter or 0.42-3.38 pt/1000 gallons of aqueous phase (25-200 ppm active ingredient). Higher levels may be added when dosing the hydrocarbon phase which will result in longer term protection by gradual diffusion into the water.

RECOMMENDED DOSES EXPRESSED AS PPM ARE PPM PRODUCT.

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.