

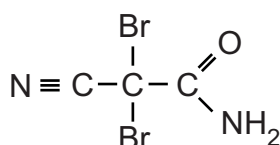


## AQUCAR™ SUMP BUDDY™ DB 40 TL Water Treatment Microbiocide

### General

AQUCAR™ SUMP BUDDY™ DB 40 TL Water Treatment Microbiocide is a solid form of DBNPA (2,2-dibromo-3-nitropropionamide) in a time-release tablet. DBNPA is a highly effective, non-oxidizing, broad spectrum biocide used to control the growth of harmful bacteria, mold and algae in evaporative cooling applications, such as cooling cells. AQUCAR SUMP BUDDY DB 40 TL Water Treatment Microbiocide tablets incorporate DBNPA in a water soluble matrix that releases the active biocide in a controlled fashion, at an antimicrobial effective rate, over a period up to 3 weeks. For ease and safety of handling, AQUCAR SUMP BUDDY DB 40 TL Water Treatment Microbiocide tablets are wrapped in a protective water-soluble film, which dissolves in water in approximately 5 minutes.

### Structure



$$\text{MW} = 242$$

### Physical Properties

The following are typical properties of AQUCAR Sump Buddy DB 40 TL Water Treatment Microbiocide; **they are not to be considered product specifications.**

Active ingredient (%) .....	40% by weight
Color .....	Colorless to brown
Appearance .....	Solid tablet
Odor: .....	Odorless to mild

### Special Features and Benefits

As a biocide, it can offer the following advantages:

- Non-oxidizing biocide, no negative effect on pads
- Convenient and cost-effective treatment
- Solid tablets are individually wrapped for your protection and ease of handling
- Continuous delivery maintains an antimicrobial effective level for up to 3 weeks
- Effectively inhibits the growth of bacteria, algae or fungi on the cooling pads, prolonging their use life
- Endorsed by evaporative cooling experts at Munters AB (Kista, Sweden) as an “effective, non-oxidizing biocide” and “easy to use”

### Use Instructions

Tablets wrapped in water soluble packaging are ready to use, and should not be removed from the protective film. This protective film will dissolve in approximately 5 minutes. To prevent corrosion, the tablet should not be placed in direct contact with metal. For best results, the tablet should be completely submerged, and areas of high water velocity should be avoided.

To control bacteria, fungi and algae in clean to moderately contaminated systems add one tablet for 500-1000 gallons of water in the system. Heavily contaminated systems and/or heavy use may require two tablets. Each tablet or group of tablets will provide approximately three weeks of control. During periods of heavy use, the system should be monitored and more frequent dosing may be needed to maintain control.

## **Storage, Handling and Disposal**

The AQUCAR™ SUMP BUDDY™ DB 40 TL Water Treatment Microbiocide tablets should be stored and transported in their original container. The container should be kept well-sealed when not in use to limit exposure of the tablets to sunlight or moisture. Avoid storage temperatures above 35 °C and direct contact of the tablet with metal.

Effluent containing this product should not be discharged 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 a sewer system without previously notifying the local sewage treatment plant authority. For guidance, contact your State Water Board or Regional Office of the EPA.

Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide is a violation of Federal Law. If excess pesticide 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.

For detailed information, refer to the product Safety Data Sheets (SDS) and product label. It is important to follow these guidelines and label instructions when handling the AQUCAR SUMP BUDDY DB 40 TL Water Treatment Microbiocide product.

## **Personal Protective Equipment**

While the tablets are packaged, to reduce the risk of direct contact, employees handling AQUCAR SUMP BUDDY DB 40 TL Water Treatment Microbiocide tablets need to practice good work habits. This should include wearing chemical goggles, chemically resistant gloves (such as nitrile gloves) and wearing a long-sleeved shirt and long pants. Studies have shown that enforcement of good work practices prevent reactions which can be attributed to chemical exposure. For detailed information, refer to the product Safety Data Sheets (SDS) and product label.

## **About DBNPA**

The Dow Chemical Company (Dow) is the leading supplier of DBNPA for more than 30 years. DBNPA is marketed by Dow under several trade names in a wide range of applications such as water treatment, industrial equipment clean-up and preservation. DBNPA is fast-acting and useful against a broad spectrum of bacteria, viruses, and fungi.

## **Packaging**

AQUCAR SUMP BUDDY DB 40 TL Water Treatment Microbiocide tablets come packaged 25 tablets per 11 pound (5 gal) pail. The pail is non refillable and should not be reused. Once the pail is empty, promptly triple rinse with water. Then offer the pail for recycling or reconditioning, or dispose of by procedures approved by local authorities.

## Product Stewardship

Dow Microbial Control encourages its customers to review their applications of Dow Microbial Control products from the standpoint of human health and environmental quality. To help ensure that Dow Microbial Control products are not used in ways for which they are not intended or tested, Dow Microbial Control personnel are willing to assist customers in dealing with ecological and product safety considerations. Contact your representative if you need any assistance or information. When considering the use of any Dow product in a particular application, review the latest Safety Data Sheet and country-specific product label to ensure the intended use is within the scope of approved uses and can be accomplished safely. Before handling any of the products mentioned in the text, obtain available product safety information and take necessary steps to ensure safety of use.

For further information visit our website:  
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