Minimize handling hazards and simplify treatment procedures for smaller alkaline system cooling towers
SUMP BUDDY* WT Antimicrobial Time-Release tablets are a solid form of DBNPA (2,2-dibromo-3-nitrilopropionamide), a highly effective biocide. In its solid form, DBNPA is truly practical for smaller cooling towers.

Tablets are individually wrapped for your protection
Handling concerns are minimized because each tablet is wrapped in a water soluble package. You get the strength of DBNPA with dramatically reduced potential for exposure. There is no need to remove the tablets from their protective film.

Decreased treatment costs can mean increased profits
Because SUMP BUDDY WT Time-Release tablets provide highly effective microbial control at very low use rates, they are much more cost effective than Kathon biocide or glutaraldehyde. They are cost effective with bromide, but with more effective, longer-lasting control. Results of studies comparing wholesale biocide costs in alkaline system comfort cooling towers show that SUMP BUDDY WT Time-Release tablets can increase your profitability on every tower you treat (see right).

A Highly Efficient Biocide Treatment Program With Excellent Performance In Alkaline Systems

<table>
<thead>
<tr>
<th>Tower 1</th>
<th>Tower 2</th>
<th>Tower 3</th>
</tr>
</thead>
<tbody>
<tr>
<td>SUMP BUDDY WT Time-Release tablets</td>
<td>$98.44</td>
<td>$42.80</td>
</tr>
<tr>
<td>Previous costs using a competitive biocide (isothiazolone)</td>
<td>$228.00</td>
<td>$120.00</td>
</tr>
</tbody>
</table>

*Trademark of The Dow Chemical Company
1EPA registration No. 464-624
2Costs in U.S. dollars
3Note: Towers were comfort systems ranging from 600-2,000 gallon (2274-7580 liter) capacity; ΔT from 10 to 13°F (-12 to -11°C); operating at pH 8.8.
Making Small Alkaline System Treatment Easy, Reliable and Profitable

Simple, continuous delivery
SUMP BUDDY WT Time-Release tablets incorporate solid DBNPA in a water-soluble matrix that releases biocide by dissolving at a controlled rate. Each tablet takes about three weeks to dissolve, maintaining an effective biocide level in 500-1,000 gallons (1,895-3,790 liters) of system volume.

No need for costly system modifications, or complex equipment
SUMP BUDDY WT Time-Release tablets provide an easier approach to system treatment. The right number of tablets are simply suspended in a bag and placed in the tower. No sidestream flow or bypass feed systems are required. There are no pumps or complex mechanical equipment to maintain.

Easy, safe handling
The solid composition of SUMP BUDDY WT Time-Release tablets won’t dust like free-flowing powders, and won’t splash, spill or leak like liquids. The water-soluble wrap on each tablet provides increased protection against worker exposure and dusting. Plus, their controlled-release form requires handling only once every three weeks. Although goggles and gloves should be worn while handling SUMP BUDDY WT Time-Release tablets, these safety features significantly reduce the handling hazards associated with liquids and powders.

Superior system compatibility and excellent performance in alkaline systems
DBNPA, the active ingredient in SUMP BUDDY WT Time-Release tablets, is compatible with other treatment chemicals except mercapto-benzothiazole. It maintains reliable control in systems running at acidic, neutral or alkaline pH.

The best environmental profile available
DBNPA degrades very quickly in aqueous environments. At neutral pH, its half-life is approximately nine hours.1


Continuous biocide release by the tablet maintains effective control in the tower, while the biocide in the blowdown discharge degrades quickly. So it is easy to meet strict environmental regulations regarding tower discharge.

Economy and convenience that can increase profits
Because each tablet lasts about three weeks, there is less time involved with treatment and monitoring of small towers. Once a dosage level is established, there is little chance of overdosing and wasting biocide. SUMP BUDDY WT Time-Release tablets come packaged 25 tablets per container – enough to treat a typical 1,000 gallon (3,790 liter) system for a year. There are no drum handling or complex equipment worries. That means less time spent and more profit on every tower treated with SUMP BUDDY WT Time-Release tablets.

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For more information about SUMP BUDDY WT Antimicrobial Time-Release tablets, call:

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In Other Global Areas: 1-517-832-1556; Fax: 1-517-832-1465

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