MOLLUSCICIDE FOR CONTROL OF QUAGGA AND ZEBRA MUSSELS

**WARNING**
Causes substantial but temporary eye injury. Harmful if swallowed. Harmful if absorbed through skin. Do not get in eyes or on clothing. Avoid contact with skin. Wear protective eyewear (goggles, face shield or safety glasses), long sleeved shirt, long pants, shoes, socks and chemical-resistant gloves made of any waterproof material. Some materials that are chemical-resistant to this product are polyvinyl chloride, polyethylene and viton. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash clothing before reuse.

**ENVIRONMENTAL HAZARDS**
This pesticide is toxic to fish and aquatic invertebrates. Waters treated with this product may be hazardous to aquatic organisms. Treatment of aquatic weeds and algae can result in oxygen loss from decomposition of dead algae and weeds. This oxygen loss can cause fish and invertebrate suffocation. To minimize this hazard, do not treat more than ½ of the water body to avoid depletion of oxygen due to decaying vegetation. Wait at least 14 days between treatments. Begin treatment along the shore and proceed outward in bands to allow fish to move into untreated areas. Consult with the state or local agency with primary responsibility for regulating pesticides before applying to public waters to determine if a permit is required.

Consult your local state fish and game agency before applying this product to public waters. Permits may be required before treating such waters.

For applications in waters destined for use as drinking water, those waters must receive additional and separate potable water treatment. Do not apply more than 1.0 ppm as metallic copper in these waters (background + applied copper).

**PRECAUTIONARY STATEMENTS**
Hazard to Humans and Domestic Animals

**WARNING**

**FIRST AID**

**IF IN EYES:** Hold eye open and rinse slowly and gently with water for 20 minutes. Remove contact lenses, if present, after first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for advice.

**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 a poison control center or doctor. Do not give anything to an unconscious person.

**IF ON SKIN OR CLOTHING:** Take off contaminated clothing. Rinse skin immediately with plenty of soap and water for 15 to 20 minutes. Call a poison control center or doctor for treatment.

**NOTE TO PHYSICIAN:** Probable mucosal damage may contraindicate the use of gastric lavage. Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact INFOTRAC 1-800-535-5053 for emergency medical treatment.

**SEE ADDITIONAL PRECAUTIONARY STATEMENTS ON THE SIDE OR BACK PANEL.**

**KEEP OUT OF REACH OF CHILDREN**

If you do not understand this label, find someone to explain it to you in detail. (Si usted no entiende la etiqueta, busque a alguien para que se le explique a usted en detalle.)
DIRECTIONS FOR USE

When treating flowing waters use a metering pump or similar means to apply a continuous dose so as to achieve a final dilution within the recommended range. See Specific Directions for Users.

SPECIAL DIRECTIONS FOR USE (POLLUTIVE SPECIES)

EarthTec QZ™ is used to control quagga and zebra mussels in impounded waters; lakes; ponds; lagoons; wastewater lagoons; reservoirs; potable water supplies*; canals; ditches; aqueducts; and equipment/structures that deliver water directly to publicly owned water treatment facilities to include pipes, intake structures, intakes, pumps, suction lines, and pump stations, wash, aerate, or incinerate, or if allowed by state and local authorities, by burning. If burned, stay out of smoke.

Always keep container closed. Keep away from pets, children, and any nylon storage or handling equipment. Avoid inhaling dust or mist. Wash thoroughly after handling.

APPLICATION AND HANDLING EQUIPMENT

Application, handling, and storage equipment should be compatible with plastic, polypropylene, metal, corrosion resistant plastics, or stainless steel. Never use steel, tin, brass, copper or any trace of copper. Always use new and clean equipment thoroughly when mixing, applying and handling EarthTec QZ™.

DISPOSAL

Nonrefillable container. Do not reuse or refill this container. Offer for recycling, if available. As soon as possible, dispose of container and its contents through recycling programs. Do not reuse or refill container. Do not incinerate. Use incineration if allowed by state or local authorities.

CONTAINER HANDLING:

Containers withuant to use the product in a manner inconsistent with its labeling. Do not apply this product in a way that contacts or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirement specific to your state and tribe, consult the appropriate governmental authority.

PERSONAL PROTECTIVE EQUIPMENT

Always follow manufacturer’s instructions for cleaning/maintaining PPE. If no such instructions exist, consult the appropriate governmental authority. If PPE becomes contaminated, immediately dispose according to the appropriate governmental authority.

When applying EarthTec QZ™ mini-pearl or mini-dense formulations, soil contamination may occur. To prevent soil contamination, soil should be rinsed with water to prevent the spread of quagga and zebra mussels to other areas. Use a highly effective detergent and hot water. Keep an area free of footwear, clothing, tools, or equipment that could be contaminated with the product. Personal protective equipment must be worn at all times while handling EarthTec QZ™.

Mixers, loaders, applicators and other handlers must wear the following:

- Long-sleeved shirt
- Chemical-resistant gloves made of any waterproof material
- Face protection

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In flowing waters, use when mollusks (veliger, juvenile, or adult) have been detected. May be used as a curative measure when adult or juvenile mussels have been detected. Do not apply for more than 7 days at a time. If adult or juvenile mussels are detected, apply a second dose at least 1 week after the first dose and then continue to treat. Do not exceed 2.0 mg/L (equivalent to 33.5 ppm EarthTec QZ™) metallic copper in any single application or in the treated water (background + applied). Allow at least 4 days for mortality to occur. Colder water temperatures may require longer exposure times. When fish are present, do not treat more than one-half of the body of water at a time, starting near one shore and moving outward.

When treating Open Waters (MAXIMUM DOSE)

Example Dose Rates for EarthTec QZ in Flowing Waters (MAXIMUM DOSE)

<table>
<thead>
<tr>
<th>Acres</th>
<th>0.1</th>
<th>0.3</th>
<th>0.5</th>
<th>1</th>
<th>3</th>
<th>5</th>
<th>10</th>
<th>20</th>
<th>30</th>
<th>50</th>
<th>100</th>
<th>200</th>
<th>500</th>
<th>1000</th>
<th>1500</th>
<th>2000</th>
<th>3000</th>
<th>5000</th>
<th>10000</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dose Rate (gals)</td>
<td>0.49</td>
<td>1.47</td>
<td>2.40</td>
<td>4.80</td>
<td>9.60</td>
<td>19.20</td>
<td>38.40</td>
<td>76.80</td>
<td>115.20</td>
<td>230.40</td>
<td>460.80</td>
<td>921.60</td>
<td>1843.20</td>
<td>2204.80</td>
<td>3307.20</td>
<td>4408.00</td>
<td>5510.40</td>
<td>6612.00</td>
<td>8814.40</td>
</tr>
<tr>
<td>Feed Rate (fluid oz/min)</td>
<td>0.06</td>
<td>0.18</td>
<td>0.30</td>
<td>0.60</td>
<td>1.20</td>
<td>2.40</td>
<td>4.80</td>
<td>9.60</td>
<td>14.40</td>
<td>28.80</td>
<td>57.60</td>
<td>115.20</td>
<td>230.40</td>
<td>345.60</td>
<td>579.60</td>
<td>813.60</td>
<td>1220.40</td>
<td>1630.80</td>
<td>2041.20</td>
</tr>
<tr>
<td>Gallons of EarthTec QZ™ Applied</td>
<td>0.04</td>
<td>0.12</td>
<td>0.21</td>
<td>0.42</td>
<td>0.84</td>
<td>1.68</td>
<td>3.36</td>
<td>6.72</td>
<td>10.08</td>
<td>20.16</td>
<td>40.32</td>
<td>80.64</td>
<td>161.28</td>
<td>201.76</td>
<td>302.64</td>
<td>403.52</td>
<td>605.40</td>
<td>807.28</td>
<td>1009.16</td>
</tr>
<tr>
<td>Desired ppm, as copper</td>
<td>0.06</td>
<td>0.18</td>
<td>0.30</td>
<td>0.60</td>
<td>1.20</td>
<td>2.40</td>
<td>4.80</td>
<td>9.60</td>
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<td>2041.20</td>
</tr>
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Example Dose Rates for EarthTec QZ in Open Waters (LOW DOSES)

Example Dose Rates for EarthTec QZ in Flowing Waters (LOW DOSE)

Example Dose Rates for EarthTec QZ in Open Waters (HIGH DOSES)

Example Dose Rates for EarthTec QZ in Flowing Waters (HIGH DOSES)

Example Dose Rates for EarthTec QZ in Open Waters (MEDIUM DOSES)

Example Dose Rates for EarthTec QZ in Open Waters (LOW DOSES)

Example Dose Rates for EarthTec QZ in Flowing Waters (LOW DOSE)

Example Dose Rates for EarthTec QZ in Flowing Waters (MEDIUM DOSES)

Example Dose Rates for EarthTec QZ in Open Waters (MEDIUM DOSES)

Example Dose Rates for EarthTec QZ in Open Waters (HIGH DOSES)

Example Dose Rates for EarthTec QZ in Flowing Waters (MEDIUM DOSES)

Example Dose Rates for EarthTec QZ in Open Waters (LOW DOSES)

Example Dose Rates for EarthTec QZ in Flowing Waters (MEDIUM DOSES)

Example Dose Rates for EarthTec QZ in Open Waters (MEDIUM DOSES)

Example Dose Rates for EarthTec QZ in Flowing Waters (LOW DOSE)