

29-MAY-2001



TM/MD

AQUA BAC *xt*

Biological larvicide

RESTRICTED

CAUTION SKIN IRRITANT

CAUTION EYE IRRITANT

POTENTIAL SENSITIZER

READ THE LABEL BEFORE USING

GUARANTEE:

Bacillus thuringiensis subspecies *israelensis*

serotype H-14, strain BMP-144

1200 International Toxic Units (ITU)

per milligram (1.28 billion ITU/kg)

REGISTRATION NO.: 26860

PEST CONTROL PRODUCTS ACT

2 X 10.00 **Litres**

Lot n°:

Date of manufacture:

AFA 
Environnement inc.

1100 boul. René-Lévesque Ouest, 25^e étage, Montréal (Québec) Canada H3B 5C9

NOTICE TO USER: This control product is to be used only in accordance with the directions on this label. It is an offense under the *Pest Control Products Act* to use a control product under unsafe conditions.

NATURE OF RESTRICTION: This product is to be used only in the manner authorized; contact local pesticide regulatory authorities about use permits which may be required.

RESTRICTED USE

For use in municipal, provincial or federal control programs against mosquitoes and blackflies. **AQUABAC_{xt}** may be applied to any water sites except treated, finished water reservoirs or drinking receptacles.

DIRECTIONS FOR USE

MOSQUITOES

Habitat **Rate required for Control**

- Flood water, roadside ditches, irrigation ditches, pastures, woodland pools, snow melt pool **300 - 600 ml/hectare**
- Tidal water, salt marshes, catch basins, storm water retention areas **600 - 1200 ml/hectare**
- Polluted water (sewage lagoons, etc.) Water with moderate organic matter, and water with a high concentration of suspended solids **1200 - 2400 ml/hectare**

AQUABAC_{xt} may be applied in conventional aerial and ground application equipment with sufficient water to provide thorough coverage of the target area. The amount of water needed will depend on weather, type of spray equipment and mosquito habitat.

Ground applications should be made using conventional equipment with 47-935 litres per hectare in conventional equipment. As low as 10 litres per hectare surface area can be used when the target is open with light vegetative cover. Aerial applications may be done diluted or undiluted. For undiluted applications, apply 300 - 2400 ml/ha of **AQUABAC_{xt}** through fixed wing aircraft or helicopters equipped with conventional boom and nozzles or rotary mist atomizers. For diluted applications, fill the mix tank or aircraft hopper with the appropriate volume of water and agitate before adding **AQUABAC_{xt}**. Maintain agitation during loading and spraying.

BLACKFLIES

- Suggested concentration range **0.5 - 75 mg/litre of stream water**

The concentration should be maintained in the stream for 15 minutes. For blackfly control, apply with conventional ground and aerial application equipment or metered release systems from infested sites to achieve larvicidal concentrations. Insecticidal activity should occur within 24 hours. Reapply as needed. **AQUABAC_{xt}** may be applied through appropriate ULV equipment.

PRECAUTIONS: KEEP OUT OF REACH OF CHILDREN. May cause sensitization. Harmful if inhaled or absorbed through the skin. Avoid contact with skin, eyes or clothing. Wear a long-sleeved shirt, long pants, water-proof gloves and eye goggles when handling, mixing/loading, or applying the product and during all clean-up and repair activities. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse.

FIRST AID: In case of contact: wash with plenty of soap and water. If irritation persists, get medical attention. Take container, label or product name and Pest Control Product Registration Number with you when seeking medical attention.

STORAGE: Keep in original container during storage. Store in a secure, cool, dry place at temperatures between 0 and 25°C. Do not contaminate water, food or feed by storage. This product should be used within 24 months of the date of manufacture.

DISPOSAL: Do not reuse this container for any purpose. This is a recyclable container, and is to be disposed of at a container collection site. Contact your local distributor/dealer or municipality for the location of the nearest collection site. Before taking the container to the collection site: Triple- or pressure-rinse the empty container. Add the rinsings to the spray mixture in the tank. Make the empty, rinsed container unsuitable for further use. If there is no container site collection in your area, dispose of the container in accordance with provincial requirements. For information on the disposal of unused, unwanted product, contact the provincial regulatory agency or the manufacturer. Contact the provincial regulatory agency and the manufacturer in case of a spill, and for clean-up of spills.

NOTICE TO BUYER: Seller's guarantee shall be limited to the terms set out on the label and, subject thereto, the buyer assumes the risk to persons or property arising from the use or handling of this product and accepts the product on that condition.

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