

Vectobac<sup>®</sup>-AS is a highly selective insecticide for use against mosquito and blackfly larvae.

### PRECAUTIONARY STATEMENTS

#### HAZARD TO HUMANS

As a precautionary measure in case of contact, flush eyes with plenty of water. In case of irritation, contact a physician.

### DIRECTIONS FOR USE

#### General Classification

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

#### STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage or disposal.

STORAGE: Store in a cool place (15° to 30°C)

PESTICIDE DISPOSAL: Wastes resulting from use of this product may be disposed of on site or at an approved waste disposal facility

CONTAINER DISPOSAL: Triple rinse (or equivalent) Then 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. Do not reuse container.

#### NOTICE TO USER

Seller makes no warranty, express or implied, of merchantability, fitness or otherwise concerning the use of this product other than as indicated on the label. User assumes all risk of use, storage or handling not in strict accordance with accompanying directions.



Chemical & Agricultural  
Products Division  
Abbott Laboratories  
North Chicago, Illinois 60064

01-3122-2/R2

ACCEPTED

SEP 4 1988

Under the Federal Insecticide,  
Fungicide, and Rodenticide Act,  
as amended, for the pesticide  
registered under  
EPA Reg. No. 275-52

Vectobac-AS

Biological Mosquito  
and  
Blackfly Larvicide  
Aqueous Suspension

Active Ingredient: Bacillus thuringiensis, Serotype,  
H-14, 600 International Toxic Units (ITU) per  
milligram (Equivalent to 2.19 billion ITU  
per gallon; 0.576 billion ITU per liter) ..... 0.6%  
Inert Ingredients ..... 99.4%

KEEP OUT OF REACH OF CHILDREN

CAUTION

EPA Reg. No. 275-52

EPA Establishment No. 33762-1A-1

List No. 5059 05

Lot No.

Net Volume: 2 x 2-1/2 Gallons

### APPLICATION DIRECTIONS

#### Mosquito Habitat Suggested Range Rate\*

(Such as the following examples)  
Irrigation ditches, roadside ditches, flood  
water, standing ponds, woodland pools  
snow melt pools, pastures, catch basins  
storm water retention areas, tidal water  
salt marshes and rice fields

0.5 pt-2 pts/acre

Polluted water (such as sewage lagoons,  
animal waste lagoons)

2 pts/acre

\*Use higher rate in polluted water and when late 1st and early 4th instar larvae  
predominate; mosquito populations are high; waters heavily polluted and/or  
algae are abundant

#### Blackflies Habitat Suggested Range Rate

Streams  
1-50 mg/liter  
stream water\*\* (1 = ppm)

\*\*Use higher rate when stream contains high concentration of organic material or  
dense aquatic vegetation

#### Ground and Aerial Application

Vectobac<sup>®</sup>-AS may be applied in conventional ground or aerial  
application equipment with quantities of water sufficient to provide  
uniform coverage of the target area. The amount of water needed per  
acre will depend on weather, spray equipment, and mosquito habitat  
characteristics. Do not mix more Vectobac-AS than can be used in a  
2-week period.

For most ground spraying, apply in 5-100 gallons per acre using  
hand-pump, airblast mist blower etc. spray equipment

For aerial application, Vectobac-AS may be applied either undiluted  
diluted with water. For undiluted applications, apply 0.5 to 2.0 pt/acre.  
Vectobac-AS through fixed wing or helicopter aircraft equipped with  
either conventional boom and nozzle systems or rotary atomizers

For diluted application, fill the mix tank or plane hopper with the desired  
quantity of water. Start the mechanical or hydraulic agitation to provide  
moderate circulation before adding the Vectobac-AS. Maintain the  
agitation while loading or spraying. For all aerial applications, a droplet  
spectrum in the range of 50-100 microns (VMD) will produce best  
results.

Rinse and flush spray equipment thoroughly following each use

For blackfly aerial applications, Vectobac-AS can be applied undiluted  
via fixed wing or helicopter aircraft equipped with either conventional  
boom and nozzle systems or open pipes. Rate of application will be  
determined by the stream discharge and the required amount of  
Vectobac-AS necessary to maintain a 1-50 ppm concentration in the  
stream water. Vectobac-AS can also be applied diluted with similar  
spray equipment. Do not mix more Vectobac-AS than can be used in a  
2-week period.

#### SMALL QUANTITY DILUTION RATES FOR VECTOBAC-AS

Rates in Pints Per Acre	Gallons Spray Solution Acre		
	10 Gal A	25 Gal A	50 Gal A
	[Ounces Needed Per Gallon of Spray]		
0.5	8	33	16
1.0	16	66	32
2.0	32	130	64