

275-54

12/15/1993

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Vectobac TP
Master Label
5/11/93
Page 1

**VECTOBAC
BIOLOGICAL LARVICIDE
TECHNICAL POWDER**

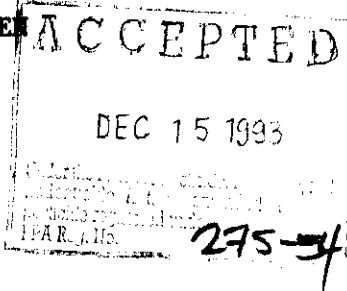
FOR MANUFACTURING USE ONLY

Active Ingredient:

Bacillus thuringiensis, subspecies israelensis fermentation solids and solubles, 5000 International Toxic Units (ITU) per milligram (Equivalent to 2.275 Billion ITU per pound of undiluted powder).....100%

KEEP OUT OF REACH OF CHILDREN

CAUTION



EPA Registration No.: 275-54
EPA Est. No: 33762-IA-1

STATEMENT OF PRACTICAL TREATMENT

If in eyes, flush with plenty of water. Get medical attention if irritation persists.

DIRECTION FOR USE

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

END-USE PRODUCT APPLICATION DIRECTIONS

Do not apply directly to treated, finished drinking water reservoirs or drinking water receptacles.

STARAGE AND DISPOSAL

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

STORAGE: Store in a cool, dry place.

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

CONTAINER DISPOSAL: Do not reuse liner or drum. Completely empty liner by shaking and tapping the bottom to loosen clinging particles. Empty residue into manufacturing equipment. Then dispose of liner in a sanitary landfill or by incineration, or if allowed by state and local authorities, by burning. If burned, stay out of smoke. Perforate or crush drum and dispose of in the same manner.

GENERAL USE DIRECTIONS

Vectobac Technical Powder must be diluted before application by suitable aerial or ground equipment at a suggested rate range* of 0.455 to 0.91 billion ITUs per acre for usual mosquito habitats and 0.91 to 1.82 billion ITUs per acre on polluted water, sewage lagoons, etc.

*Use higher rate when late 3rd or 4th instar larvae predominate, mosquito populations are high, water is heavily polluted, and/or algae are abundant.

A 7 to 14 day interval between applications should be employed. Where non-target aquatic invertebrate parasites and predators are present, longer periods of suppression may result since these beneficials would be conserved to aid in mosquito population management.

GRANULATION DIRECTIONS

Rotating Type Mixer:

1. Place suitable diluent, such as sand, in rotating type mixer (cement mixer, ribbon blender, or equivalent).
2. Add Golden Bear-1356 or Golden Bear-1111 (GB-1356 and GB-1111 are available from Witco Corporation, Golden Bear Division) while mixer is running (GB-1356 and GB-1111 may be sprayed on or gradually poured over sand).
3. Mix 5 - 10 minutes to insure that sand particles are covered with GB-1356 and GB-1111.
4. While mixer continues to run, add the calculated amount of Vectobac TP (as shown in table below). Continue mixing 15 - 30 minutes or until sand granules are uniformly coated with Vectobac TP.

Vectobac TP
Master Label
5/11/93
Page 3

<u>Materials</u>	<u>%W/W</u>	<u>Based on 100 lbs. sand</u>	<u>Based on 100 lbs final product</u>
Vectobac TP	4.00	4.3 lbs.	4.0 lbs.
GB-1356 or GB-1111	1.3 - 1.5	24 oz. - 28 oz.	23 oz. - 26 oz.
Sand (Washed/ dry)	94.7 - 94.5	100 lbs.	94 lbs
	<u>100%</u>	<u>105.7 - 105.9 lbs</u>	<u>100 lbs</u>

Note: Following preparation of the sand granular formulation, store in a cool, dry place. Storing in sealed containers will help prevent drying out of the sand granules.

APPLICATION DIRECTIONS

Mosquitoes Habitat
(Such as the following examples):

Suggested
Rate Range*

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.

5 - 10 lbs/acre

*Use 10 - 20 lbs/acre when late 3rd and early 4th instar larvae predominate, mosquito populations are high, water is heavily polluted, (sewage lagoons, animal waste lagoons), and/or algae are abundant.

NOTICE TO USER

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

For information, call:
1-800-323-9597

(c) 1993