

AQUABAC® Primary Powder OSF

ACTIVE INGREDIENT:

Bacillus thuringiensis subspecies *israelensis* Strain BMP 144 solids, spores and insecticidal toxins*100.00%
TOTAL100.00%

*Equivalent to 3.2 Billion International Toxic Units per pound. The percent active ingredient does not indicate product performance and potency measurements are not federally standardized.

KEEP OUT OF REACH OF CHILDREN CAUTION

FIRST AID

If inhaled:	<ul style="list-style-type: none">• Move person to fresh air.• If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible.• Call a poison control center or doctor for treatment advice.
If on skin or clothing:	<ul style="list-style-type: none">• Take off contaminated clothing.• Rinse skin immediately with plenty of water for 15-20 minutes.• Call a poison control center or doctor for treatment advice.

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-800-222-1222 for emergency medical treatment information.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS (AND DOMESTIC ANIMALS)

CAUTION: Harmful if inhaled or absorbed through skin. Avoid breathing dust. Avoid contact with skin or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Remove contaminated clothing and wash before reuse.

Mixers/loaders and applicators not in enclosed cabs or aircraft must wear a dust/mist filtering respirator meeting NIOSH standards of at least N-95, R-95, or P-95. Repeated exposure to high concentrations of microbial proteins can cause allergic sensitization.

ENVIRONMENTAL HAZARDS: Do not contaminate water when disposing of equipment washwaters or rinsate. Do not apply directly to treated, finished drinking water reservoirs or drinking water receptacles when the water is intended for human consumption.

DIRECTIONS FOR USE

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

Dilute Aquabac Primary Powder OSF before application by suitable aerial or ground equipment at a rate range* of 0.455 to 0.91 billion ITUs per pound per acre for usual mosquito habitats and 0.91 to 1.82 billion ITUs per pound per acre on polluted water, sewage lagoons, etc.

Avoiding spray drift at the application site is the responsibility of the applicator. The interaction of many equipment-and weather-related factors determines the potential for spray drift. The applicator and the treatment coordinator are responsible for considering all of these factors when making decisions.

*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.

GENERAL GRANULATION DIRECTIONS

Rotating Type Mixer:

- 1) Place suitable diluent, such as sand, in rotating mixer (cement mixer, ribbon blender or equivalent).
- 2) Add white mineral oil while mixer is running (white mineral oil may be sprayed on or gradually poured over sand; spraying is the preferred method instead of pouring).
- 3) Mix 5-10 minutes to ensure that sand particles are covered with white mineral oil.
- 4) While mixer continues to run, add the calculated amount of Aquabac Primary Powder OSF (as shown in following table). Continue mixing 15-30 minutes or until sand granules are uniformly coated.

Manufactured for:
Becker Microbial Products, Inc.
11146 NW 69th Place
Parkland, Florida 33076

Lot No./Batch No.:

EPA Reg. No.: 62637-15
EPA Est. No.: 70051-CA-1

Net Contents: 100 pounds

A typical granular blend¹ would consist of:

Materials	%w/w	Based on 100 lbs sand	Based on 100 lbs final product
Aquabac Primary Powder OSF	2.9	3.0 lbs.	2.9 lbs.
White Mineral Oil	1.3 – 1.5 ²	1.38 – 1.61 lbs. (25 – 29 fl. oz.)	1.3 – 1.5 lbs. (24 – 27 fl. oz.)
Sand (washed or dry)	95.6 - 95.8	100 lbs	95.6 – 95.8 lbs
	100.0%	104.38 – 104.61 lbs.	100.0 lbs

¹Typical blend to derive a granular formulation with 0.091 Billion ITU/pound of the active ingredient.

²Use 1.3% white mineral oil for fine sand granules 16/30 mesh size and 20/30 mesh size. For course sand granules, 10/20 mesh size, use 1.5% white mineral oil.

Note: It is recommended that a small batch formulation be produced to determine percent white mineral oil required to give a free-flowing and dust-free granular formulation.

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.

END USE PRODUCT APPLICATIONS

Apply Aquabac Primary Powder OSF granular blend to any water sites except treated, finished drinking water reservoirs or drinking water receptacles when the water is intended for human consumption.

MOSQUITOES:

Habitat	Rate of typical granular blend required for control*
Flood water, roadside ditches, irrigation ditches, rice fields, pastures, woodland pools, snowmelt pools, standing ponds, standing pools, standing water containing mosquito larvae in fields growing crops such as alfalfa, almonds, asparagus, corn, cotton, dates, grapes, peaches and walnuts.....	5-10 lbs/A
Tidal water, salt marshes, catch basins, and storm water retention areas.....	5-10 lbs/A
Polluted water (sewage lagoons, animal waste lagoons, etc.), water with moderate organic matter, and water with a high concentration of suspended solids	5-10 lbs/A

*Use 10-20 lbs/A when late 3rd and early 4th instar larvae predominate, mosquito populations are high, water is heavily polluted, and/or algae are abundant.

STORAGE AND DISPOSAL

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

Pesticide Storage: Reclose containers of unused Aquabac Primary Powder OSF. Store in a cool, dry place.

Pesticide Disposal: Wastes resulting from use of this product must be disposed of on site or at an approved waste disposal facility.

Container Disposal: Nonrefillable container. Do not reuse or refill this container. Completely empty liner by shaking and tapping the bottom to loose clinging particles. Empty residue into manufacturing equipment. Then offer for recycling, if available, or 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.

NOTICE TO USER

To the extent consistent with applicable law, seller makes no warranty, express or implied, of merchantability, fitness or otherwise concerning the use of this product other than as indicated on this label. To the extent consistent with applicable law, user assumes all risks of use, storage or handling not in strict accordance with label instructions.