



U.S. ENVIRONMENTAL PROTECTION AGENCY
Office of Pesticide Programs
Biopesticides and Pollution Prevention Division (7511C)
1200 Pennsylvania Avenue NW
Washington, DC 20460

EPA Reg. Number:
62637-15

Date of Issuance:
MAY 18 2012

Term of Issuance: Unconditional

Name of Pesticide Product:
BMP 144 Primary Powder OSF

NOTICE OF PESTICIDE:

Registration
 Reregistration
(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):

Becker Microbial Products, Inc.
11146 NW 69th Place
Parkland, FL 33076

Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Biopesticides and Pollution Prevention Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered under the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA). Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on her motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This registration does not eliminate the need for continual reassessment of the pesticide. If the EPA determines at any time that additional data are required to maintain in effect an existing registration, the Agency will require submission of such data under section 3(c)(2)(B) of FIFRA.

This product is unconditionally registered in accordance with FIFRA Sec. 3(c)(5) and is subject to the following terms:

1. Submit and/or cite all data required for registration of your product under FIFRA section 3(c)(5) and section 4 when the Agency requires all registrants of similar products to submit such data.
2. Revise the EPA Registration Number to read, "EPA Reg. No. 62637-15."
3. Submit three (3) copies of the revised final printed labeling before you release the product for shipment.

A stamped copy of the label and an A-79 Enclosure are enclosed for your records.

Signature of Approving Official:

Date:

for
Keith A. Matthews, Director
Biopesticides and Pollution Prevention Division (7511P)

MAY 18 2012

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BMP 144 Primary Powder OSF

(Alternate Brand Name: "Aquabac® Primary Powder OSF")

ACTIVE INGREDIENT:

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

TOTAL:.....100.00%

* 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.	
(See back panel for additional precautionary statements and directions for use.)	

EPA Reg. No.: 62637-
EPA Establishment No.: XXXXX-XX-XX

Net Contents: XX

Lot No./Batch No.: XXXXX

Manufactured (for) (by):
BECKER MICROBIAL PRODUCTS, INC.
11146 N.W. 69th Place
Parkland, FL 33076

ACCEPTED

MAY 18 2012

Under the Federal Insecticide, Fungicide,
and Rodenticide Act, as amended, for
the pesticide registered under
EPA Reg. No. 62637-15

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 BMP 144 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 insure that sand particles are covered with white mineral oil.
- 4) While mixer continues to run, add the calculated amount of BMP 144 Primary Powder OSF (as shown in table below). Continue mixing 15-30 minutes or until sand granules are uniformly coated.

A typical granular blend¹⁾ would consist of:

Materials	%w/w	Based on 100 lbs sand	Based on 100 lbs final product
BMP 144 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

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

²⁾ Use 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 BMP 144 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.

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STORAGE AND DISPOSAL

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

Pesticide Storage: Reclose containers of unused BMP 144 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.