

PM-18

63947-2

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

54 23313 / 18 DEC 29 1992 305 αD

Ms. Amy Plato
Bactec Corporation
9601 Katy Freeway, Suite 350
Houston, Texas 77024

Subject: Final Printed Labeling for Bactec Technical Powder I
EPA Registration Number: 63947-2

Dear Ms. Plato:

The labeling referred to above, submitted in connection with the registration under the Federal Insecticide, Fungicide, and Rodenticide Act is acceptable subject to the comment below.

1. The Agency received your facsimile of December 4, 1992, requesting that the EPA consider returning to the insect bioassay and International Units of Potency as the accepted method of analysis and certification of active ingredient in a Bt formulation. In your letter, you describe the difficulties with expressing activity as a percentage of insect order active toxin. The Agency will investigate your concerns and make a determination.
2. In the interim, pending a formal response on the aforementioned concerns, the submitted labeling is acceptable without representation of the active ingredient as a percentage of lepidopteran active toxin; however, this is subject to change based on the Agency's findings and determination.

A copy of your label stamped EPA accepted with comments is enclosed. If you have any questions, you may contact Laura Dye of my staff at (703)305-6891.

Sincerely,

Phil Hutton
Product Manager 18
Insecticide-Rodenticide Branch
Registration Division
Office of Pesticide Programs

CONCURRENCES

SYMBOL	117505C						
SURNAME	A. Dye						
DATE	12/4/92						

BACTEC TECHNICAL POWDER I

Insecticide for Formulating Use Only
Into Registered End-Use Insecticides

ACTIVE INGREDIENT:	<i>Bacillus thuringiensis</i> , var. <i>kurstaki</i> , BACTEC BERNAN I, fermentation solids and solubles, 68,000 International Units of potency per milligram - 31 Billion International Units per pound	12.92%
INERT INGREDIENTS:		87.08%
TOTAL:		100.0%

KEEP OUT OF REACH OF CHILDREN

WARNING / AVISO

PRECAUTIONARY STATEMENTS - HAZARDS TO HUMANS AND DOMESTIC ANIMALS: Causes substantial but temporary eye injury. Causes skin irritation. Harmful if absorbed through skin. Harmful if inhaled. Avoid breathing dust or spray mist. Do not get on skin, eyes, or clothing. Wear goggles or face shield. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse.

PRECAUCION AL USUARIO: Si usted no lee ingles, no use este producto hasta que le etiqueta haya sido explicado ampliamente.

STATEMENT OF PRACTICAL TREATMENT: If in eyes: hold eyelids open and flush with a steady, gentle stream of water for 15 minutes. Get medical attention. If on skin: wash with plenty of soap and water. Get medical attention. If swallowed: drink promptly a large quantity of milk, egg white, gelatin solution, or if these are not available, large quantities of water. Avoid alcohol. If inhaled: remove victim to fresh air. If not breathing, give artificial respiration, preferable mouth-to-mouth. Get medical attention.

ENVIRONMENTAL HAZARDS: Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans or public water unless this product is specifically identified and addressed in an NPDES permit. Do not discharge effluent containing this product to sewer systems without previously notifying the sewage treatment plant authority. For guidance, contact your State Water Board or Regional Office of the EPA.

EPA Registration No. 63947-2

EPA Establishment No. 62171-MS-001

US Patent No. 4,950,471

ACCEPTED
with COMMENTS
in EPA Letter Dated

DEC 29 1992

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

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NET WEIGHT: 176 lbs or 80 kgs

DIRECTIONS FOR USE:

IT IS A VIOLATION OF FEDERAL LAW TO USE THIS PRODUCT IN A MANNER INCONSISTENT WITH ITS LABELING.

FORMULATORS USING THIS PRODUCT ARE RESPONSIBLE FOR OBTAINING EPA REGISTRATION FOR THEIR FORMULATED PRODUCTS.

This pesticide may be used only for the formulation of end-use insecticides, for use on the following terrestrial food and/or feed crops:

alfalfa, almonds, walnuts, avocados, broccoli, cabbage, canola/rape, cauliflower, collards, mustard greens, turnip greens, celery, lettuce, chinese cabbage (choysum), potatoes, beans, soybeans, peas, peanuts, cucumbers, watermelons, squash, citrus, grapes, eggplant, tomatoes, peppers, field corn, sweet corn, sorghum and cotton;

on the following terrestrial non-food sites:

tobacco and turf;

and on the following stored agricultural commodities:

grains, soybeans, crop seed, peanuts and flue-cured tobacco.

STORAGE & DISPOSAL:

Do not contaminate feed, food, or water by storage or disposal. **STORAGE:** Tightly reclose containers of unused BACTEC BERNAN and store in a dry, well-ventilated, cool place. **PRODUCT/CONTAINER DISPOSAL:** Wastes resulting from the use of the product may be disposed of on site or at an approved waste disposal facility. Do not reuse empty container. Completely empty by shaking and tapping sides and bottom to loosen clinging particles. Empty residue into manufacturing equipment. Then dispose of container in a sanitary landfill or by incineration if allowed by state and local authorities.

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LIMITED WARRANTY: Manufacturer warrants that the product conforms to its description and is reasonably fit for the purpose stated on this label when used in accordance with directions under normal conditions of use; but neither this warranty nor any other warranty of merchantability of fitness for a particular purpose, expressed or implied, extends to the use of this product contrary to label instructions not reasonably foreseeable to the user; the user assumes the risk of any such use. If terms are not acceptable, return at once, unopened.

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