

**SECTION 1: PRODUCT and COMPANY IDENTIFICATION**

Product Name: **FBP23™ LBT BAIT** Date Prepared: February 20, 2014  
 EPA Reg. No. 70787-5-39039 Date Revised: April 25, 2016

Distributed by: Y-TEX Corporation Manufactured by: JABB of the Carolinas, Inc.  
 1825 Big Horn Ave. 456 East Main Street  
 Cody, WY 82414 Pine Level, NC 27568-0310

For Health Safety Emergency Only, Call CHEM-TEL, Inc.: 1-800-255-3924, 813-248-0585 International  
 Other Information Calls: 800-443-6401, 307-587-5515 (Y-TEX)

**General Use:** Dust treatment for control of Darkling beetles (lesser mealworm) in poultry litter in chicken broiler and turkey grow-out houses.

**SECTION 2: HAZARDS IDENTIFICATION****GHS CLASSIFICATION:**

| <u>Health</u>  | <u>Environmental</u>  | <u>Physical</u> |
|--|---|-----------------|
| Acute Toxicity: No<br>Skin Irritation: No<br>Skin Sensitization: No<br>Eye: No | Acute Toxicity: Do not apply directly to water. Potentially pathogenic to honey bees.<br>Chronic Toxicity: Category 4 | None Known      |

GHS LABEL:



SIGNAL WORD:

**WARNING****HAZARD STATEMENTS:**

Symbols: Exclamation – irritant, Environmentally hazardous substance

| <u>Hazard Statements</u>  | <u>Precautionary Statements</u>  |
|---|--|
| H333 May be harmful if inhaled<br>H413 May cause long lasting harmful effects to aquatic life | P101 If medical advice is needed, have product container or label at hand<br>P102 Keep out of reach of children<br>P103 Read label before use<br>P264 Wash thoroughly with soap and water after handling<br>P270 Do not eat, drink or smoke when using this product<br>P273 Avoid release to the environment<br>P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.<br>P312 Call a poison center or doctor if you feel unwell.<br>P501 Dispose of contents at any approved waste disposal facility. See section 13 for further disposal instructions. |

**SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS**

| Active Ingredient (non-hazardous):                                  | Concentration (w/w)<br>% | CAS Number |
|---|--------------------------|------------|
| <i>Beauveria bassiana</i> Strain HF23 (6.5 x 10 <sup>9</sup> cfu/g) | 0.137%                   | Mixture    |

**SECTION 4: FIRST AID**

Eye Contact: Eye contact may cause mild irritation. Avoid eye contact. If contacted, hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after first 5 minutes, then continue rinsing eye. If irritation persists, seek medical attention.

Skin Contact: Wash skin immediately and thoroughly with soap and water for 15-20 minutes after contact. Take off contaminated clothing.

Inhalation: No apparent hazard with normal use. 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.

**SECTION 5: FIRE FIGHTING MEASURES**

Flash Point: 340° F minimum Autoignition Temperature: Not applicable  
 LEL: Not applicable UEL: Not applicable  
 Flammability Classification: Not applicable.

Extinguishing Media: Water, CO<sub>2</sub>, dry chemical, foam  
 Hazardous Combustion Products: Carbon dioxide, carbon monoxide  
 Unusual Fire or Explosion Hazards: None  
 Fire-Fighting Instructions/Equipment: Wear self contained breathing apparatus and full protective clothing.

**SECTION 6: ACCIDENTAL RELEASE MEASURES**

Use recommended personal protective equipment (see Section 8).

Remove persons not wearing protective clothing from spill area. Contain and ventilate spill area. Avoid contamination of streams and sewers.

**SECTION 7: HANDLING AND STORAGE**

Handling Precautions: Applicators and other handlers must wear:

- Long-sleeved shirt and long pants;
- Waterproof gloves;
- Shoes and socks.
- Protective eyewear such as goggles, face shield, or shielded safety glasses
- Mixers/loaders and applicators 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. Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.
- Wash hands before eating, drinking, chewing gum, using tobacco or using toilet. Remove clothing immediately if product gets inside, then clean thoroughly and put on clean clothing.

Storage Requirements: Store in a cool, dry place in original container and out of direct sunlight. Do not store at temperatures exceeding 80°F (27°C).

**SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

| EXPOSURE LIMITS:         | Component   | U.S. OSHA PEL | ACGIH TLV |
|--------------------------|---|---------------|-----------|
| Eye/Face Protection:     | Goggles, safety glasses or other equivalent protective gear.  |               |           |
| Skin Protection:         | Applicators and other handlers must wear: long-sleeved shirt and long pants; chemical-resistant gloves made of any waterproof material; and shoes and socks.  |               |           |
| Respiratory Protection:  | Mixers/loaders and applicators 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 |               |           |
| Engineering Controls:    | Do not use a fungicide prior to application of this product.  |               |           |
| Administrative Controls: | Use this product only as specified on the label.  |               |           |
| Other Precautions:       | Do not contaminate water by cleaning of equipment or disposal of equipment wash-waters. Do not discharge into lakes, streams, ponds, or public waterways.   |               |           |
| Other Information:       | See Section 7   |               |           |

**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

|                                       |   |                            |                |
|---------------------------------------|---|----------------------------|----------------|
| Appearance/Physical State:            | Brown, solid (granule)                  | Odor:                      | Citrus         |
| Odor Threshold (ppm):                 | Not applicable                          | pH:                        | Not applicable |
| Melting Point:                        | Not applicable                          | Boiling Point:             | Unknown        |
| Flash Point:                          | 340° F minimum                          |                            |                |
| Evaporation Rate (Butyl Acetate = 1): | <1                                      |                            |                |
| Flammability (solid, gas):            | Solid, nonflammable; Air, not available |                            |                |
| LEL:                                  | Not applicable                          | UEL:                       | Not applicable |
| Vapor Pressure at 20°C:               | Not available                           | Vapor Density (Air = 1):   | >1             |
| Specific Gravity (Water = 1)          | .96                                     | Solubility in Water:       | Not available  |
| Coefficient of Water/Oil solubility:  | Not applicable                          |                            |                |
| Autoignition temperature:             | Not applicable                          | Decomposition temperature: | Not applicable |
| % Volatiles by volume:                | <10%                                    |                            |                |

**SECTION 10: STABILITY AND REACTIVITY**

|  |                                     |                           |                               |
|--|-------------------------------------|---------------------------|-------------------------------|
| Chemical Stability:  | Stable                              | Hazardous Polymerization: | Will not occur                |
| Conditions to Avoid:   | Heat, strong acids and strong bases | Chemicals to Avoid:       | Strong acids and strong bases |
| Hazardous Decomposition Products: Carbon monoxide and/or carbon dioxide. |                                     |                           |                               |

**SECTION 11: TOXICOLOGICAL INFORMATION**Acute Effects

|             |  |
|-------------|--|
| Inhalation: | Non-hazardous. Avoid breathing dust. Move person to fresh air.   |
| Skin:       | Slightly irritating. Avoid contact with skin & clothing. Wash thoroughly with soap and water. Get medical attention if irritation occurs and persists. |
| Eyes:       | May cause moderate eye irritation. Avoid contact. Flush thoroughly with water. If irritation occurs and persists, contact physician.                   |

Chronic Effects

|   |                      |             |                |
|---|----------------------|-------------|----------------|
| Eyes:   | Not determined       | Skin:       | Not determined |
| Ingestion:  | Not determined       | Inhalation: | Not determined |
| Carcinogenicity:  | Not applicable       |             |                |
| Target Organ Effects:   | Not applicable       |             |                |
| Medical Conditions Aggravated by Long-term Exposure:                                    | None presently known |             |                |
| Other Information: Does not flash. May burn initially, but will not sustain combustion. |                      |             |                |

**SECTION 12: ECOLOGICAL INFORMATION**

Do not use a fungicide prior to application of this product.  
 This pesticide is potentially pathogenic to honey bees. Avoid applying to areas where honeybees are actively foraging or around hives.  
 Do not apply directly to water, to areas where surface water is present or to intertidal areas below mean water mark. Do not contaminate surface water by disposal of equipment wash waters.

**SECTION 13: DISPOSAL CONSIDERATIONS**

Do not contaminate water, food or feed by storage or disposal. Store in a cool, dry place in original container and out of direct sunlight. Do not store at temperatures exceeding 80°F (27°C).

**Pesticide Disposal:** To avoid wastes, use all material in the container by application according to the label directions. If wastes cannot be avoided, offer remaining product to waste disposal facilities or pesticide disposal program (often programs run by state or local governments or by industry).  
**Container Disposal:** Non-refillable container. Do not reuse or refill this container. Completely empty container into application equipment. Then dispose of empty container in a sanitary landfill or by incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

**SECTION 14: TRANSPORT INFORMATION**

|                             |                                 |                               |                                 |
|-----------------------------|---------------------------------|-------------------------------|---------------------------------|
| UN Number:                  | None                            | UN Proper Shipping Name:      | Non-hazardous additive compound |
| Transport Hazard Class(es): | Non-hazardous additive compound | Packing group, if applicable: | NA                              |
| Marine Pollutant:           | No                              |                               |                                 |

**SECTION 15: REGULATORY INFORMATION**

This chemical is a pesticide product registered by the Environmental Protection Agency and is subject to certain labeling requirements under federal pesticide law. These requirements differ from the classification criteria and hazard information required for safety data sheets, and for workplace labels of non-pesticide chemicals. Following is the hazard information as required on the pesticide label:

**CAUTION**

May cause eye irritation. Avoid contact with skin, eyes or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Remove and wash contaminated clothing before reuse.

**SECTION 16: OTHER INFORMATION**

Revision date: April 25, 2016 (removed Y-TEX PO box and added international ChemTel phone number)  
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