



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY  
AND POLLUTION PREVENTION

March 14, 2016

Mitch Whitney  
Vice President  
Quest Specialty Corporation  
PO Box 624  
Brenham, TX 77834

Subject: Label Amendment – Addition of marketing claim for Zika virus  
Product Name: BUG BAN PLUS  
EPA Registration Number: 44446-48  
Application Date: 02/17/2016  
Decision Number: 514175

Dear Mr. Whitney:

The amended label referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act, as amended, is acceptable. This approval does not affect any conditions that were previously imposed on this registration. You continue to be subject to existing conditions on your registration and any deadlines connected with them.

A stamped copy of your labeling is enclosed for your records. This labeling supersedes all previously accepted labeling. You must submit one copy of the final printed labeling before you release the product for shipment with the new labeling. In accordance with 40 CFR 152.130(c), you may distribute or sell this product under the previously approved labeling for 18 months from the date of this letter. After 18 months, you may only distribute or sell this product if it bears this new revised labeling or subsequently approved labeling. "To distribute or sell" is defined under FIFRA section 2(gg) and its implementing regulation at 40 CFR 152.3.

Should you wish to add/retain a reference to the company's website on your label, then please be aware that the website becomes labeling under the Federal Insecticide Fungicide and Rodenticide Act and is subject to review by the Agency. If the website is false or misleading, the product would be misbranded and unlawful to sell or distribute under FIFRA section 12(a)(1)(E). 40 CFR 156.10(a)(5) list examples of statements EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product's label, claims made on the website may not substantially differ from those claims approved through the registration process. Therefore, should the Agency find or if it is brought to our attention that a website contains false or misleading statements or claims substantially differing from the EPA approved registration, the website will be referred to the EPA's Office of Enforcement and Compliance.

Your release for shipment of the product constitutes acceptance of these conditions. If these conditions are not complied with, the registration will be subject to cancellation in accordance

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with FIFRA section 6. If you have any questions, you may contact Elizabeth Fertich at 703-347-8560 or via email at [fertich.elizabeth@epa.gov](mailto:fertich.elizabeth@epa.gov).

Sincerely,

A handwritten signature in black ink, appearing to read 'J S', with a long horizontal flourish extending to the right.

Jennifer Urbanski Saunders, Product Manager 4  
Invertebrate & Vertebrate Branch 1 (IVB1)  
Registration Division (7505P)  
Office of Pesticide Programs

**BUG BAN  
PLUS**

**Personal Insect  
Repellent**

**Repels Mosquitoes, Biting Flies, Chiggers,  
Ticks & Other Small Flying Insects Including  
Fleas on Exposed Skin Surfaces**

Repels Mosquitoes Which May Carry Diseases Zika Virus, West Nile Virus and  
Encephalitis (St. Louis, Eastern equine, Western equine, LaCrosse, Cache Valley)

**ACTIVE INGREDIENTS:**

DEET	22.56%
*N-Octyl Bicycloheptene Dicarboximide	5.00%
**Di-n-propyl isocinchomeronate	2.50%

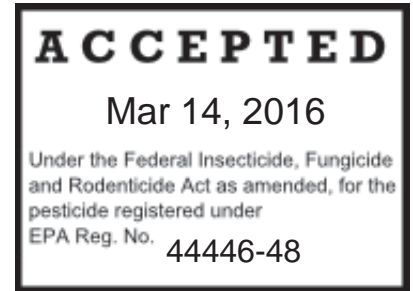
**OTHER INGREDIENTS:** 69.94%

**TOTAL:** 100.00%

\*\*MGK® 264, Insecticide Synergist

\*\*Morpel Repellent 326

MGK: Registered trademark of McLaughlin Gormley King Co.



**EPA Reg. No. 44446-48 EPA Est. No. 44446-TX-1**

**KEEP OUT OF REACH OF CHILDREN**

**CAUTION:**

See Additional Precautionary Statements on Back Panel

**QuestSpecialty Corporation**

P.O. 624 • Brenham, TX 77834

SPRAYS RIGHTSIDE UP/UPSIDE DOWN

**PRECAUTIONARY STATEMENTS  
HAZARDS TO HUMANS**

**CAUTION:** Harmful if swallowed. Causes moderate eye irritation. Avoid contact with eyes. Wash thoroughly with soap and water after handling and before eating, drinking, and chewing gum, using tobacco or using the toilet. Remove and wash contaminated clothing before use.

**FIRST AID**

**If in eyes:**

- Hold eye open and rinse slowly and gently with water for 15-20 minutes.
- Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.
- Call a poison control center or doctor for treatment advice.

**If swallowed:**

- Call poison control center or doctor immediately for treatment advice.
- Have person sip a glass of water if able to swallow.
- Do not induce vomiting unless told to do so by the poison control center or doctor.
- Do not give anything by mouth to an unconscious person.

**If you suspect a reaction to this product:**

- Discontinue use.
- 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.**

**For additional information on this pesticide product (including health concerns, medical emergencies or pesticide incidents), you may call 1-800-255-3924.**

**PHYSICAL & CHEMICAL HAZARDS**

**EXTREMELY FLAMMABLE:** Contents under pressure. Keep away from fire, sparks, and heated surfaces. Do not puncture or incinerate container. Exposure to temperatures above 130°F may cause bursting. Do not expose treated skin or clothing to fire, sparks or flame until liquid has evaporated.

## DIRECTIONS FOR USE

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

Read and follow all directions and precautions on this product label.

Do not apply over cuts, wounds or irritated skin. Do not apply near eyes and mouth. Apply sparingly around ears. Do not apply more than 3 times per day to children ages twelve (12) and under. Do not apply to children's hands. Do not allow children to handle this product. When using on children, apply to your own hands and then put it on the child. Use just enough repellent to cover exposed skin and/or clothing. Do not use under clothing. Avoid over-application of this product. After returning indoors, wash treated skin with soap and water. Wash treated clothing before wearing it again. Use of this product may cause skin reactions in rare cases. If you suspect a reaction to this product, discontinue use, wash treated skin, and call your local poison control center. If you go to a doctor, take this product with you. Do not spray in enclosed areas. If used on the face, spray on hands first and then apply sparingly and avoid eyes. Do not spray directly onto face.

Remove protective cap, and spray from a distance of 8–12 inches from surface to be protected. Slightly moisten surface—saturation is not necessary. Use slow sweeping motion.

**FOR EXPOSED SKIN AREAS**, to repel flies, gnats and mosquitoes: Use as directed above.

**FOR OUTER SURFACES OF CLOTHING**, to repel ticks, fleas and chiggers—Apply along all openings of clothing, such as around the neck band, the fly and cuffs of trousers, tops of socks, eyelets of shoes and areas of clothing which may contact the ground, weeds or other growth.

Avoid contact with plastics, such as eyeglass frames, and such fabric as acetate rayon. Exposure to temperatures above 130°F may cause bursting. May damage some plastics, varnished or painted surfaces. May be used on Nylon, Orlon, Wool, Cotton. **DO NOT USE** on Rayon, Spandex or Dynel.

## STORAGE AND DISPOSAL

**STORAGE:** Store in a cool dry area away from heat or open flame. **DISPOSAL:** Do Not Puncture or Incinerate! If empty: Place in trash or offer for recycling if available. If partly filled: Call your local solid waste agency or 1-800-CLEANUP for disposal instructions.

**HMIS RATINGS:** HEALTH-1, FLAMMABILITY-2, REACTIVITY-1, PERSONAL-1

**ITEM 458**

Made in USA.