

PM 17 499-356 PS 124

SEP 11 1990

Mr. Michael G. Sarli
Whitwre Research Laboratories, Inc.
3568 Tree Court Industrial Boulevard
St. Louis, MO 63122

Dear Mr. Sarli:

Subject: Whitwre Insect Repellent Stick No. 1
EPA Registration No. 499-356
Your Application Dated June 22, 1990

The proposed amendment to the registration of the product cited above under the Federal Insecticide, Fungicide, and Rodenticide Act, removing the active ingredient MGK R-11 and adjusting the percentages of other active ingredients, is acceptable subject to the comments listed below. A stamped copy of the label is enclosed for your records.

1. Submit the product-specific product chemistry and the data matrix for the new formulation.
2. Provide the EPA Registration Number for the source product of Dact.
3. Change the statement "Keep Out Of Reach Of Infants And Younger Children" to read "Keep Out Of Reach Of Children."
4. The statement "Keep Out Of Reach Of Children" must appear directly above the signal word "Caution."
5. Add the statement "May cause eye irritation" to the precautionary labeling.

51309:I:Tavano:L17-6:KENCO:08/14/90:09/14/90:CL:VO:EK:CL

CONCURRENCES							
SYMBOL	H75052						
SURNAME	Tavano						
DATE	8/15/90						

Back Panel:

Whitmire
Insect Repellent Stick No. 1

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS

CAUTION

Harmful if swallowed. Avoid contact with eyes and lips. To apply to face, rub on palm of hand and apply. Do not allow children to rub eyes if hands have been treated. In case of contact with eyes, flush with plenty of water. If irritation persists, get medical attention. Do not apply to excessively sunburned or damaged skin. Do not expose treated surfaces near fire or flame.

PHYSICAL HAZARDS

Do not use or store near heat or open flame.

DIRECTIONS FOR USE
GENERAL CLASSIFICATION

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

STORAGE AND DISPOSAL

STORAGE: Store in a cool dry area away from heat or open flame.

DISPOSAL: Do not re-use empty container. Wrap container and put in trash collection.

To repel the insects listed on the Front Panel, apply liberally to all exposed skin areas by pushing stick up from the bottom and spreading over skin. Avoid eyes and mouth when applying to face. Repeat as needed. For ticks and chiggers, also apply liberally to shoe tops, socks and around openings in clothing.

Avoid contact with plastics, such as eyeglass frames. and such fabric as acetate rayon.

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Front Panel:

6/22/90

Whitmire
Insect Repellent Stick No. 1

Repels Mosquitoes, Chiggers, Ticks, Deer Flies, Stable Flies, Black Flies, Gnats
and Fleas on Exposed Skin Surfaces

ACTIVE INGREDIENTS:

N,N-diethyl-m-toluamide	13.3%
Other Isomers	0.7%
*N-Octyl bicycloheptene dicarboximide	4.0%

INERT INGREDIENTS: 82.0%

*MGK-264 Insecticide Synergist

CAUTION

KEEP OUT REACH OF INFANTS AND YOUNGER CHILDREN

See Back Panel for Additional Precautionary Statements

EPA Reg. No. 499-356 EPA Est. No. 499-MO-1

Net Weight:

Manufactured by:
Whitmire Research Laboratories, Inc.
St. Louis, MO 63122

ACCEPTED
FOR SALE
IN THE STATE OF MISSOURI

499-356

MISSOURI
DEPARTMENT OF
HEALTH
DIVISION OF
LABORATORY
TESTING
ST. LOUIS, MISSOURI

6. Add the following Statement of Practical Treatment:

STATEMENT OF PRACTICAL TREATMENT

If Swallowed: Do not induce vomiting.
Consult a physician.

If On Skin: May cause skin reactions in
rare cases. If so, wash
thoroughly with plenty of
soap and water. Get medical
attention if irritation
persists.

If In Eyes: Wash with plenty of water.
Get medical attention if
irritation persists.

7. Delete the term "General Classification."
8. Add the word "Flammable" to the Physical Hazards.
9. Submit a 1-year storage stability study. The formulated product must be analyzed for its active ingredients at time zero and during a year in storage. The storage must be under warehouse conditions of temperature and humidity using containers similar to those that will be used in the trade. This data must be submitted within 15 months of the date of this letter.

Sincerely yours,



Phil Hutton
Product Manager (17)
Insecticide-Rodenticide Branch
Registration Division (H7505C)

Enclosure