

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

PM 10 482-119 19 135

OCT 09 1990

Ms. Martine Albritton
S.C. Johnson & Son, Inc.
1525 Howe Street
Racine, WI 53403

Dear Ms. Albritton:

Subject: Deep Woods Formula Off Fly & Mosquito Repellent
EPA Registration No. 4822-119
Your Application Dated August 8, 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, is acceptable subject to the comments listed below. A stamped copy of the label is enclosed for your records.

1. Provide the chemical identity of all components of the perfume, H&R 47455D. Include the Chemical Abstracts Service Registry Number and the percentage of each component in the mixture. Two copies of the Material Safety Data Sheet for the perfume must also be submitted.
2. Submit the following acute toxicity data on the new formulation. This data must be submitted within 9 months of the date of this letter.
 - a. Acute oral toxicity
 - b. Acute dermal toxicity
 - c. Acute inhalation toxicity
 - d. Primary eye irritation

51316:I:Tavano:LPCCB1-04:KENCO:09/11/90:10/07/90:DD:VO:EK:DD

CONCURRENCES

SYMBOL ▶	H75052						
SURNAME ▶	Tavano						
DATE ▶	9/17/90						

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e. Primary dermal irritation

f. Dermal sensitization

Note: The first three studies may be referenced from the Deet Registration Standard.

3. Submit a 1-year storage stability study. The formulated product must be analyzed for its active ingredients at time zero and during a year of storage. The storage must be under warehouse conditions of temperature and humidity using containers similar to those which will be used in the trade. This data must be submitted within 15 months of the date of this letter.
4. Provide the flashpoint of this product with the propellant or add "Extremely Flammable" to the Physical and Chemical Hazards statement.
5. Add the statement "Do not puncture or incinerate" to the Disposal statement.

Sincerely yours,



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

Enclosure

S. C. JOHNSON WAX

DEEP WOODS

FORMULA

OFF!

FLY & MOSQUITO
REPELLENT

long lasting protection
from mosquitoes
& biting flies

fresh outdoor fragrance

ACCEPTED
with COMMENTS
in EPA Letter Dated:

OCT 09 1990

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

4822-119

KEEP OUT OF REACH OF CHILDREN

CAUTION

See additional precautions on back panel

NET WT. 6 OZ.

ACTIVE INGREDIENTS:

N,N-diethyl-meta-toluamide	19.00%
Related isomers	1.00%

INERT INGREDIENTS	80.00%
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HOLD
UPRIGHT
WHEN
SPRAYING

DEEP WOODS
OFF!

HOLD
UPRIGHT
WHEN
SPRAYING

4 5

Provides long lasting protection from mosquitoes and biting flies, gnats, sand flies, no-see-ums, deer flies, stable flies, black flies. Also repels ticks, chiggers, and fleas from treated skin. Gives effective protection for the whole family.

To SPRAY, remove tab on front of spray cap.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS - CAUTION: Harmful if swallowed. May cause eye injury. Avoid contact with eyes and lips. Do not allow children to rub eyes if hands have been treated. Do not apply to excessively sunburned or damaged skin. Use sparingly on small children. Do not allow use by small children without close adult supervision. May cause skin reaction in rare cases. Do not expose treated surfaces near fire or flame.

STATEMENT OF PRACTICAL TREATMENT: IF IN EYES: flush eyes with plenty of water. If irritation persists, get medical attention. IF SWALLOWED: call a physician or poison control center. Get medical attention.

PHYSICAL & CHEMICAL HAZARDS - FLAMMABLE: Contents under pressure. Keep away from heat, sparks and open flame. Do not puncture or incinerate containers. Exposure to temperatures above 120 F. may cause bursting.

DIRECTIONS FOR USE

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

Hold unit 6 to 8 inches from skin or clothing and spray with a slow sweeping motion. FOR MAXIMUM PROTECTION, SPREAD EVENLY WITH HAND TO MOISTEN ALL EXPOSED SKIN.

TO APPLY TO FACE: Spray palm of hand and spread on face and neck. Avoid contact with eyes and lips.

WORKS ON CLOTHING TOO: Spray shirts, stockings, and hats. For ticks and chiggers also spray pants cuffs, socks and around opening in outer clothing. Will not damage nylon, cotton or wool. DO NOT APPLY ON OR NEAR: acetate, rayon, spandex, dynel or verel fabrics or other synthetics other than nylon. MAY DAMAGE FURNITURE FINISHES, PLASTICS, LEATHER, WATCH CRYSTALS AND PAINTED OR VARNISHED SURFACES INCLUDING AUTOMOBILES.

STORAGE: Store away from heat or flame in an area inaccessible to children.

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

Questions? Comments?
Call toll free 1-800-558-5252

Weekdays, 9-5 Eastern time or write Carcl Hansen
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Racine, WI 53403 U.S.A.

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EPA Reg. No. 4822-119
EPA Est. 4822-WI-1