

JUN 21 1990

Unicorn Laboratories  
1000 118th Avenue North  
St Petersburg, FL 33716

Dear Barry J. Santerre

Subject: Unicorn Double Strength Insect Repellent  
EPA Reg. No. 28293-98  
Application dated May 4, 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 increasing the amount of another active ingredient is acceptable subject to the comments listed below. A stamped copy of the label is enclosed for your records.

- 1) Submit the product specific chemistry data and matrix for this new formulation.
- 2.) Provide the chemical identity, Material Safety Data Sheet, and Chemical Abstracts Number for Herbal Fragrance. All chemical components of this ingredient must be identified by Chemical Abstracts Number and percent in the mixture.
- 3.) Submit the flashpoint of this product with the repellent or change the word, "Flammable," to "Extremely Flammable." The flashpoint reported exceeds the one expected for this product.
- 4.) Change the precautionary labeling to read:

Causes eye irritation. Harmful if swallowed.  
Avoid contact with eyes or lips. Do not let children rub their eyes if hands have been treated.

**BEST AVAILABLE COPY**

58813:I:Tavano:CBI-03;KENCO:06/13/90;07/13/90;ka:sw:vo:dd:ka

CONCURRENCES

SYMBOL	H7505C						
SURNAME	Tavano						
DATE	6/18/90						

5.) Add the following Statement of Practical Treatment to the label.

STATEMENT OF PRACTICAL TREATMENT

IF IN EYES: Flush eyes with plenty of water. Get medical attention if irritation persists.

IF SWALLOWED: Call a physician or Poison Control Center. Drink 1 or 2 glasses of water and induce vomiting by touching back of throat with finger. Do not induce vomiting or give anything by mouth to an unconscious person.

- 6.) This change in formulation must be a change in the basic formulation rather than an alternate formulation and is being accepted under that condition. Submit a revised Confidential Statement of Formula (CSF) with the proper block checked.
- 7.) 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,

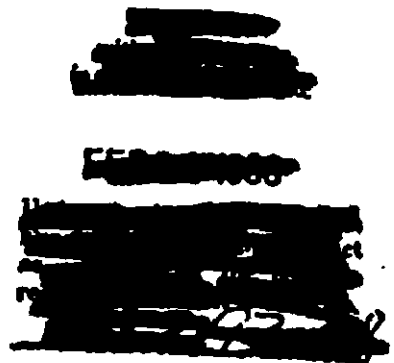


Phil Hutton  
Product Manager (17)  
Insecticide-Rodenticide Branch  
Registration Division (H7505C)

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8-11384

UNICORN  
Double Strength  
INSECT REPELLENT  
for  
Fishermen, Hunters, and Campers



Repels mosquitoes, biting flies, chiggers,  
ticks and other flying insects,  
including fleas on exposed skin surfaces.

ACTIVE INGREDIENTS:

N,N-diethyl-m-toluamide .....	25.50%
Other isomers .....	1.35%
N-Octyl Bicycloheptene Dicarboximide .....	7.67%
Di-n-propyl isocinchomeronate .....	3.84%

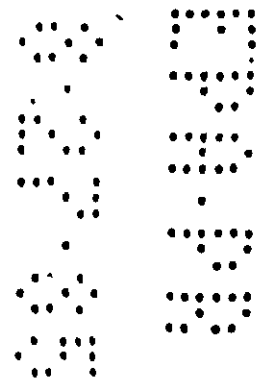
INERT INGREDIENTS: .....	61.64%
	<hr/>
	100.00%

KEEP OUT OF REACH OF CHILDREN  
CAUTION

See Back Panel for Additional Precautions

Net Weight:      Ounces

Manufactured By  
UNICORN LABORATORIES  
St. Petersburg, FL 33716



ACCEPTED  
with COMMENTS  
in EPA Letter Dated

NOV 21 1990

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

28293-98

**PRECAUTIONARY STATEMENTS**

**HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

**CAUTION:** Harmful if swallowed. Avoid contact with eyes and lips. Do not allow children to rub eyes if hands have been treated. In case of contact, immediately flush eyes and lips with plenty of water. Get medical attention if irritation persists.

**PHYSICAL HAZARDS**

**FLAMMABLE:** Contents under pressure. Do not use near fire, heated surfaces, sparks, or flame. Do not puncture or incinerate container. Exposure to temperatures above 130°F. may cause bursting. May damage some plastics, varnished or painted surfaces. May be used on Nylon, Orlon, wool or cotton. **DO NOT USE** on Rayon, Spandex or Dynel.

**DIRECTIONS FOR USE**

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

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. **AVOID CONTACT WITH EYES OR MOUTH.** For treating face, spray in palm of hand, rub palms together and rub on face.

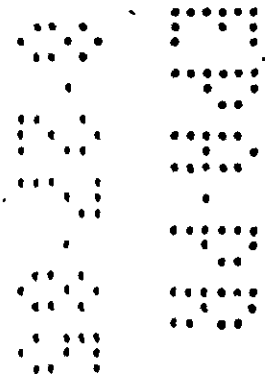
**FOR CLOTHING,** to repel ticks, fleas and chiggers (See CAUTION) --- Make liberal application along all openings of the clothing, such as inside the neck band, the fly and cuffs of trousers, tops of socks, eyelets of shoes and areas of clothing which may contact the ground, weeds or other growth.

**STORAGE AND DISPOSAL**

Store in original container in a cool, locked storage area away from heat and open flames. Replace cap and discard containers in trash. Do not incinerate or puncture. Securely wrap original container in several layers of newspaper and discard in trash.

E.P.A. REG. NO. 28293-98

E.P.A. EST. NO. 28293-FL-1



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