

JUN 22 1990

The State Chemical Manufacturing Company
3100 Hamilton Avenue
Cleveland, OH 44114

Dear Tammy Westerman

Subject: State Formula 254 IRS Insect Repellent Spray
EPA Reg. No. 1685-72
Application dated April 12, 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.

- 1) Add the statements "Harmful if swallowed. May cause eye irritation. Avoid breathing spray mist. Do not expose treated skin or clothing to fire, sparks or flame until liquid has evaporated."
- 2.) Add a Statement of Practical Treatment to read:

STATEMENTS OF PRACTICAL TREATMENT

IF SWALLOWED: Call a physician or Poison Control Center.

IF ON SKIN: May cause skin reactions in rare cases. If so, wash thoroughly with soap and water. Get medical attention if irritation persists.

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

BEST AVAILABLE COPY

58813;I:Tavano;CBI-0;KENCO;06/13/90;07/13/90;ka:sw:vo:dd:ka

CONCURRENCES							
SYMBOL	H75056						
SURNAME	Tavano						
DATE	6/14/90						

- 3) Submit the flashpoint of this product with the propellant or change the physical and chemical hazard statement to read "Extremely Flammable. Contents under pressure. Keep away from fire, sparks and heated surfaces. Do not puncture or incinerate container. Exposure to temperature above 130 °F may cause bursting."
- 4.) Submit a revised Confidential Statement of Formula (CSF). On the current CSF Isomask is listed in ounces in item 13a. It should be listed in pounds. Item 17 on the current CSF does not add up to 1000 lbs.
- 5) Provide the chemical identity, Material Safety Data Sheet, and Chemical Abstract Number for Isomask #18. All chemical components must be identified by Chemical Abstract Number and percent in the mixture. Certify that this fragrance is a non-food type.
- 6) 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.
- 7.) Provide information regarding the corrosion characteristics of this product. This information may be noted during the storage stability study.

Submit five copies of the finished label before the product is released for shipment under this amended labeling.

Sincerely yours,



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

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FOR INDUSTRIAL AND INSTITUTIONAL USE ONLY.
NOT INTENDED FOR HOUSEHOLD USE OR RESALE.

STATE

IRS

INSECT
REPELLENT
SPRAY

**PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS
AND DOMESTIC ANIMALS**

WARNING

Do not apply around eyes or mouth. To protect face, spray on hands and then rub on. Repeat all treatment as necessary.

PHYSICAL AND CHEMICAL HAZARDS

Flammable. Contents under pressure. Keep away from heat, sparks, and open flame. Do not puncture or incinerate container. Exposure to temperature above 130°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.

Remove protective cap. Hold can at least 12 inches away, point valve in desired direction and press button to spray. Apply liberally to all exposed skin areas. Repeat when ever insects become annoying. For chiggers, also apply liberally to shoe tops, socks and around openings of clothing. Repeat as necessary.

00R4

45600



**STORAGE AND
DISPOSAL**

Store this product in a locked storage area out of the reach of children. Store at temperatures below 120°F. Store away from heat, sparks, open flame and direct sunlight.

DISPOSAL Do not reuse empty container. Wrap container and put in trash. Do not incinerate or puncture cans.

STATE FORMULA 254

FOR
INDUSTRIAL
USE ONLY

**INSECT
REPELLENT
SPRAY**

REPELLENT ACTION: Repels Mosquitoes, Fleas, Chiggers, and Ticks.

ACTIVE INGREDIENTS

N,N-Dimethyl Methyltoluamide 1.12

Other isomers 0.22

N-Octylpyrrolidone 1.24

Di-n-propyl isocinchomeronate 0.62

INERT INGREDIENTS 93.82

TOTAL 100.00

TMOK 2011, U.S. Pat. No. 2,757,120

TMOK Repellent 32b, U.S. Pat. No. 2,757,120

Keep out of reach of children

WARNING

See back panel for additional
precautionary statements

SOLD BY
The **State** CHEMICAL MANUFACTURING CO.
To order call 1-800-STA-CHEM
EPA Est. No. 34702 OH 1 NET WT. 5 OZ
EPA Reg. No. 1685-72 342 GRAMS

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1685-72

ACCEPTED
with COMMENTS
in EPA Letter Dated:

JUN 22 1990

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

1685-72