

APR 15 1991

Ms. Barbara E. Kairies
CHEM-TOX, INCORPORATED
481 Scotland Road
McHenry, Ill 60050

Dear Ms. Kairies:

Subject: ALLETHRIN Registration Standard label revision
CHEM-TOX GENERAL PURPOSE SPRAY
EPA Registration Number 45385-6
CHEM-TOX FOOD PLANT SPRAY W/D-TRANS ALLETHRIN
EPA Registration Number 45385-9
CENOL LIQUID PROFESSIONAL INSECT KILLER
EPA Registration Number 45385-90
CHEM-TOX ALLETHRIN FOGGING SPRAY
EPA Registration Number 45385-3
Submission dated April 4, 1991

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, is acceptable subject to the comments listed below. Five copies of the finished labeling must be submitted prior to releasing the product for shipment.

1. For products 45385-9, 45385-3, and 45385-6, combine the "Related compounds" percentage with the total for inert ingredients. "Related compounds" should not be listed separately as an active ingredient.
2. For products 45385-3, 45385-6, and 45385-90, add the following statement to the "PHYSICAL AND CHEMICAL HAZARDS" section:

"Do not use this product in or on electrical equipment due to the possibility of shock hazard."
3. For product 45385-3, add the following statement to the Hazards to Humans and Domestic Animals paragraph:

"In food handling establishments, do not apply while food processing is underway."

4. For product 45385-3, note the correct spelling of "kill" under the directions for horse barns.
5. For product 45385-90, combine the other isomers" percentage in the ingredients statement with the total for inert ingredients. Do not list "Other Isomers" separately as an active ingredient.
6. For product 45385-90, check redundant wording in the "ENVIRONMENTAL HAZARDS" statement and correct the spelling of "food processing plants" on the front panel.

Sincerely,

Rfm

Richard F. Mountfort
Product Manager 10
Insecticide-Rodenticide Branch
Registration Division (H7505C)

REREGISTRATION- ALLETHRIN STEREOISOMERS

FOR:

CHEM-TOX, INC. McHenry, IL 60050

DATE: 10-19-88
REVISED: 02-21-91

(((FRONT PANEL))

Net Contents: QTS,
1 gal. 5 gal.
30 gal. 55 gal.

**CHEM-TOX
FOOD PLANT SPRAY W/D-trans ALLETHRIN**

AN EFFECTIVE, READY-TO-USE SYNERGIZED ALLETHRIN INSECTICIDE.
Designed especially for Use in Edible Product Areas of Meat and Poultry
Processing Plants and Agricultural Crops.
May also be used in Restaurants, Institutions, Warehouses, Office Buildings,
and Domestic Dwellings.

ACTIVE INGREDIENTS:	
D-trans allethrin	0.80%
Related Compounds.....	0.06%
*Piperonyl Butoxide, Technical.....	1.00%
**INERT INGREDIENTS:.....	98.44%

100.00%

*Equivalent to 0.8% (butylcarbityl)(6-propylpiperonyl)ether and
to 0.2% related compounds.

** contains Petroleum Distillate - 98.44%

KEEP OUT OF REACH OF CHILDREN (12 pt)
CAUTION (18 pt)

See side panel for Additional Precautionary Statements.

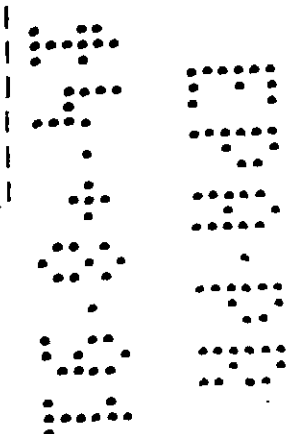
CHEM-TOX, INC.
McHenry, IL 60050

EPA Reg. No. 45385-9
EPA Est. No. 45385-IL-01

NET: _____

ORDER CODE: 0-307

ACCEPTED
with COMMENTS
EPA Letter dated
APR 15 1991
Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended, for the pesticide
registered under EPA Reg. No.
45385-9



BEST AVAILABLE COPY

415

CHEM-TOX FOOD PLANT SPRAY WITH D-trans ALLETHRIN

((SIDE PANEL))

PRECAUTIONARY STATEMENTS (12 pt)

HAZARDS TO HUMANS & DOMESTIC ANIMALS.

CAUTION: Avoid contact with eyes, skin and clothing. Avoid breathing vapors or spray mist. Keep away from food, feedstuffs and domestic water supplies. Wash thoroughly after handling.

STATEMENT OF PRACTICAL TREATMENT

If Swallowed - Do not induce vomiting. Call a physician or Poison Control Center immediately. If inhaled - remove victim to fresh air. If on skin - remove contaminated clothing and wash affected area of skin with soap and water. Get medical attention if irritation persists. Wash contaminated clothing separately from other laundry. If in eyes - flush eyes with plenty of water. Get medical attention if irritation persists. NOTE TO PHYSICIAN: Contains petroleum distillate. Vomiting may cause aspiration pneumonia.

Remove food before treatment. Do not apply while food processing is underway. Food contact surfaces and equipment must be washed with an effective cleaning compound followed by a potable water rinse after treatment.

ENVIRONMENTAL HAZARDS

This product is toxic to fish, birds and other wildlife. Do not apply directly to lakes, streams or ponds. Do not contaminate water when disposing of equipment washwaters. Apply this product only as specified on the label.

PHYSICAL AND CHEMICAL HAZARDS

Do not pour, use, spill or store near heat or open flame. Do not use this product in or on electrical equipment due to the possibility of shock hazard.

DIRECTION FOR USE

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

STORAGE & DISPOSAL (12 PT)

DO NOT CONTAMINATE WATER, FOOD OR FEED BY STORAGE OR DISPOSAL. Open dumping is prohibited. Store in original container and place in a cool, dry locked or secured storage area. PESTICIDE DISPOSAL: Wastes resulting from the use of this product may be disposed of on site at an approved waste disposal facility. CONTAINER DISPOSAL: 1. Household(All)- Do not reuse empty container (bottle, can, jars). Rinse thoroughly, securely wrap original container in several layers of newspaper and discard in trash. 2. Metal (non-aerosol)- Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures

2481-52 1043
UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

SEP 12 1990

AMVAC Chemical Corporation
 c/o H.R. McLane, Inc.
 7210 SW. 57th Avenue, Suite 212A
 Miami, FL 33143

Gentlemen:

Subject: **ALCO Parade Pressurized**
EPA Registration No. 5481-52
Your Application Dated June 28, 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. Submit the product-specific product chemistry and the data matrix for the new formulation.
2. Provide the flashpoint of the product with the propellant or change the physical and chemical hazards to read:

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.

3. In the Confidential Statement of Formula (CSF) dated June 28, 1990, the oil of citronella is listed as a perfume and considered an inert ingredient. On the label, however, it is listed as an active ingredient. This ingredient must be deleted from the actives and its percentage included with the inert ingredients in the ingredient statement.

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51314:I:Tavano:LCBI-06:KENCO:08/29/90:09/28/90:CL:VO:EK:CL

CONCURRENCES							
SYMBOL	H7505C						
SURNAME	Tavano						
DATE	8/30/90						

4. Based on the CSF dated June 28, 1990, the product will not meet the label claim for the active ingredient, MGK Repellent 326. On the CSF column 13.a., the amount is listed as 0.4 lb and on the label you claim 0.4 percent. However in columns 13.b. and 14.b. of the CSF you claim 0.2 percent and 0.25 percent, respectively. Note that the lower certified limit of the active ingredients must be the same as the label claim in pure active form. Make the necessary changes in the CSF to meet the label claim. Submit a revised CSF.
5. Change the statement "Do not contaminate water by cleaning of equipment or disposing of wastes" to read "Do not contaminate water when disposing of equipment washwaters."
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 of 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 with 15 months of the date of this letter.

Sincerely yours,



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

Enclosure

BEST AVAILABLE COPY

ALCO
PARADE

PRESSURIZED INSECT REPELLENT
AND COAT DRESSING FOR HORSES

Effective Long Lasting
KILLS & REPELS: STABLE FLIES - WORN FLIES - FACE FLIES - MOSQUITOES
HOUSE FLIES - GNATS - AND CERTAIN OTHER ANNOYING INSECT PESTS.

ACTIVE INGREDIENTS:

Pyrethrins	0.150%
*Piperonyl Butoxide, technical.	0.300%
***Di-n-propyl isocinchomerate.	0.400%
****N-octyl bicycloheptene dicarboximide	0.501%
Oil of Citronella.	3.000%
INERT INGREDIENTS:**	95.649%
Total	100.000%

*Equivalent to 0.24% (Butylcarbityl)(6-propyl-piperonyl) Ether and 0.6% related compounds.
***MGK-264 Insecticide Synergist. ***MGK-Repellent #326.
** Contains Petroleum Distillate
DO NOT USE ON BEEF OR DAIRY CATTLE

KEEP OUT OF REACH OF CHILDREN
C A U T I O N

STATEMENT OF PRACTICAL TREATMENT

IF SWALLOWED: Call a physician or Poison Control Center immediately. Drink 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.

IF INHALED: Remove victim to fresh air. Apply artificial respiration if indicated.

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

IF ON SKIN: In case of contact wash immediately with soap and water.

SEE SIDE/BACK PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS

EPA REG. NO. 5481-5;

EPA EST. NO. 33690-CA-1

NET CONTENTS 14 OUNCES

AMVAC CHEMICAL CORPORATION
4100 EAST WASHINGTON BLVD
LOS ANGELES CA 90023

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Hold container in upright position 12-16 inches away from animal, pointing valve opening toward animal. Release spray by pressing valve down.

Spray in a zig-zag motion so as to lightly and evenly dampen animal's coat. Spray all areas especially legs and under belly for best results.

Face Flies, spray to slightly dampen animal's face. Do not apply more than one ounce per animal. Repeat as required. Horses can be worked or ridden immediately after use. Avoid spraying directly in animal's eyes.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION: Harmful if swallowed. Do not breathe spray mist. Do not get in eyes or on skin. Do not contaminate feed or foodstuffs. Do not use on beef or dairy cattle.

ENVIRONMENTAL HAZARDS

This product is toxic to fish. Keep out of any body of water. Use this product only as specified on this label. Do not contaminate water by cleaning of equipment or disposal of wastes.

PHYSICAL AND CHEMICAL HAZARDS

Do not store this container at temperatures above 130°F. Do not puncture container, or place on stove or in fire as container may burst.

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal. STORAGE: Store product in its original labeled container in a cool, dry, locked place out of reach of children. DISPOSAL: Replace cap and discard container in trash. Do not incinerate or puncture.

NOTICE: This product conforms to its chemical description and is reasonably fit for the purpose stated on the label, when used in accordance with directions under normal conditions of use. Manufacturer is not responsible for the use of this product contrary to the label instructions, or under abnormal conditions, or under conditions not reasonably foreseeable to the manufacturer and/or seller and the buyer assumes the risk of any such use.

AMVAC
13 890

5481-52

See instructions on box

See instructions on box

See instructions on box

See instructions on box

DO NOT

NEAR HEAT

FLAME

SAFETY

DO NOT use for purposes other than those specified on the label. Buyer assumes all risk of use and handling of the material when such use is contrary to label instructions.