



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

WASHINGTON, D.C. 20460

OFFICE OF PREVENTION PESTICIDES AND TOXIC SUBSTANCES

DEC 9 2002

Mr. Scott Baker
Haco, Inc.
P.O. Box 667
Greeley, CO 80632-667

Subject: Amendment Updating First Aid per PR Notice 2001-1
Hopkins Fly Die Livestock Spray with Vapona
EPA Reg. No. 2393-367
Your Submission Dated August 30, 2002

Dear Mr. Baker:

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 below. Two (2) copies of the finished labeling must be submitted prior to releasing the product for shipment. A stamped copy of the label is enclosed for your records.

- 1. Since this product contains > 10% petroleum distillates, you should revise the oral First Aid statements as follows, in accordance with PR Notice 2001-1:

Table with 2 columns: 'If swallowed:' and a list of instructions: 'Immediately call a poison control center or doctor.', 'Do not induce vomiting unless told to do so by a poison control center or doctor.', 'Do not give any liquid to the person.', 'Do not give anything by mouth to an unconscious person.'

You should also add the following statement to the Note To Physician: "Contains petroleum distillate - vomiting may cause aspiration pneumonia."

- 2. Add the following restriction to the Directions for Use as on the previously approved label: "Do not make direct application to livestock more frequently than once per day."
3. Correct the typographical error in the "Storage" instructions. The first word of the third sentence should be "Keep", not "Deep", so that the sentence reads: "Keep container tightly closed."

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If you have any questions regarding this action, please contact Susan Stanton of my team at (703) 305-5218.

Sincerely,



George T. LaRocca
Product Manager (13)
Insecticide Branch
Registration Division (7505C)

Enclosure

ACCEPTED
with COMMENTS
In EPA Letter Dated:

DEC 9 2002

Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No. 2393-367

Hopkins® FLY-DIE™

LIVESTOCK SPRAY WITH VAPONA®†

SYNERGIZED READY-TO-USE SOLUTION • controls flies, gnats & mosquitoes
For use on cattle, horses, premise or stables • Fog or spray

FOR AGRICULTURAL/COMMERCIAL USE ONLY, NOT FOR SALE FOR ANY OTHER USES

ACTIVE INGREDIENTS:

- 2,2-Dichlorovinyl dimethyl phosphate*..... 0.465%
- Related compounds* 0.035%
- Piperonyl butoxide, technical** 0.250%
- Pyrethrins 0.025%
- INERT INGREDIENTS†:**..... 99.225%
- Total 100.000%

*Equivalent to 0.500% Vapona®† insecticide
 **Equivalent to 0.200% (Butylcarbityl) (6-propylpiperonyl) ether and 0.050% related compounds
 †This product contains petroleum distillates
 ‡Vapona is a registered trademark of Boehringer Ingelheim Vetmedica, Inc.

EPA Reg. No. 2393-367
EPA Est. No. 61282-WI-1 (lot begins 51)
47000-IA-1 (lot begins 48)

KEEP OUT OF REACH OF CHILDREN
CAUTION

FIRST AID

Contains an organophosphate that inhibits cholinesterase.

If swallowed:	Call a poison control center or doctor immediately for treatment advice. !Have a person sip a glass of water if able to swallow. !Do not induce vomiting unless told to do so by the poison control center or doctor. !Do not give anything by mouth to an unconscious person.
If inhaled:	!Move person to fresh air. !If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible.
If in eyes:	!Hold eye open and rinse slowly and gently with water for 15-20 minutes. !Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.
If on skin or clothing:	!Take off contaminated clothing. !Rinse skin immediately with plenty of water for 15-20 minutes.

Call a poison control center or doctor for treatment advice.

FOR A MEDICAL EMERGENCY INVOLVING THIS PRODUCT CALL: 1-800-228-5635, EXT. 136, OR CALL COLLECT, 612-851-8180, EXT. 136.

Have the product container or label with you when calling a poison control center or doctor, or going for treatment.

NOTE TO PHYSICIAN: Empty stomach if material was taken internally. Gastric lavage may be indicated. If symptoms of cholinesterase inhibition are present, atropine by injection is antidotal. 2-PAM is also antidotal and may be administered in conjunction with atropine.

PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS
CAUTION

Harmful if swallowed, inhaled or absorbed through the skin. Avoid contact with skin. Avoid breathing spray mist.

Wash thoroughly with soap and water after handling and before eating or smoking.

Do not contaminate water or foodstuffs.

Do not apply in areas where animals have received direct application of DDVP within eight (8) hours.

Do not contaminate milk or milk equipment.

Wear a pesticide respirator jointly approved by the National Institute for Occupational Safety and Health (NIOSH) or the Mine Safety and Health Administration (MSHA) when applying indoors as a space spray or fog.

ENVIRONMENTAL HAZARDS

This product is toxic to fish, birds and other wildlife.

Do not apply directly to water, or to target areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment washwaters.

PHYSICAL OR CHEMICAL HAZARDS

Do not use or store near heat or open flame.

DIRECTIONS FOR USE

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling. Do not apply in areas where animals have received direct application of DDVP within eight (8) hours.

FOR DAIRY AND BEEF CATTLE AND HORSES:
To protect livestock from face flies, houseflies, stable flies, mosquitoes and gnats, spray the animal daily using one (1) to two (2) ounces per head. Cover the animal

with spray with particular attention to the back, flanks, legs and shoulders. Do not use in excess of two (2) ounces per adult animal. Apply proportionately less to smaller animals. Do not soak the skin or wet the hides. Care should be taken that the spray does not come in direct contact with the lactating dairy cow's teats unless they are washed with an approved cleansing solution and dries before milking. **BRAHMAN AND BRAHMAN CROSS CATTLE SHOULD NOT BE TREATED AS THEY MAY SHOW HYPERSENSITIVITY TO ORGANIC PHOSPHATES.**

FOR BARN, MILK ROOMS AND STABLES:

When used as a space spray, direct power sprayer toward upper portion of the enclosure until area is filled with a fine mist. If a coarse spray is used, apply wherever flies congregate or alight, until surfaces are moistened. Avoid contact with food or milk utensils. Close doors and windows before treatment when possible. This treatment will kill resting adult flies. Do not remain in treated areas and ventilate the area after treatment is complete. Remove animals prior to treatment.

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal.

STORAGE: Do not use or store near heat or open flame. Keep product in original container. Deep container tightly closed. High temperatures may shorten shelf life of product.

PESTICIDE DISPOSAL: Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

CONTAINER DISPOSAL: Metal: Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities. Plastic: Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

NOTICE OF WARRANTY

MANUFACTURER AND SELLER WARRANT THAT THIS PRODUCT CONFORMS TO THE CHEMICAL DESCRIPTION ON THE LABEL THEREOF AND IS REASONABLY FIT FOR THE PURPOSES STATED ON SUCH LABEL ONLY WHEN USED IN ACCORDANCE WITH THE DIRECTIONS UNDER NORMAL USE CONDITIONS. IT IS IMPOSSIBLE TO ELIMINATE ALL RISKS INHERENTLY ASSOCIATED WITH THE USE OF THIS PRODUCT. LIVESTOCK INJURY, INEFFECTIVENESS, OR OTHER UNINTENDED CONSEQUENCES MAY RESULT BECAUSE OF SUCH FACTORS AS WEATHER CONDITIONS. PRESENCE OF OTHER

MATERIALS, OR THE MANNER OF USE OR APPLICATION, ALL OF WHICH ARE BEYOND THE CONTROL OF MANUFACTURER AND SELLER. IN NO CASE SHALL MANUFACTURER AND SELLER BE LIABLE FOR CONSEQUENTIAL, SPECIAL OR INDIRECT DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT. ALL SUCH RISKS SHALL BE ASSUMED BY THE BUYER.

EXCEPT AS EXPRESSLY PROVIDED HEREIN, MANUFACTURER AND SELLER MAKES NO WARRANTIES, GUARANTEES, OR REPRESENTATIONS OF ANY KIND, EITHER EXPRESSED OR IMPLIED, OR BY USAGE OF TRADE, STATUTORY OR OTHERWISE, WITH REGARD TO THE PRODUCT SOLD, INCLUDING, BUT NOT LIMITED TO, MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, USE OR ELIGIBILITY OF THE PRODUCT FOR ANY PARTICULAR TRADE USAGE. BUYER'S USER'S EXCLUSIVE REMEDY, AND MANUFACTURER'S AND SELLER'S TOTAL LIABILITY, SHALL BE FOR DAMAGES NOT EXCEEDING THE COST OF THE PRODUCT.

Manufactured for:
Haco, Inc.

PO Box 7190 • Madison, WI 53707