

2393-480



12/9/2003

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

WASHINGTON, D.C. 20460

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OFFICE OF  
PREVENTION, PESTICIDES  
AND TOXIC SUBSTANCES

DEC 9 2003

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

Subject: Revised Label to Comply with DDVP Requirements and Update First Aid  
per PR Notice 2001-1; Revised CSF to Update DDVP Source  
Vapona Spray Solution  
EPA Reg. No. 2393-480  
Your Resubmission sent by e-Mail on November 20, 2003, as Amended by e-Mail  
on December 9, 2003

Dear Mr. Baker:

**I. Revised Label:**

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 comment below. Two 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.

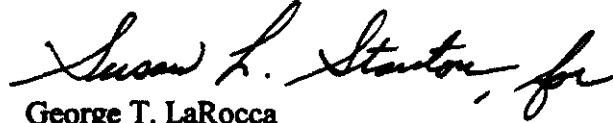
1. Under Warranty Disclaimer and Notice, revise the statement which reads "In no event shall Haco, Inc., the manufacturer, or seller be liable for consequential, special or indirect damages resulting from the use, handling, application, ..." As currently written, the statement negates and/or detracts from labeling requirements as set forth by the Agency in 40 CFR Part 156, and is, therefore, considered misbranding. The beginning of the statement must be revised to read "To the extent allowed by law, Haco, Inc., the manufacturer or seller shall not be liable ..."

**II. Revised CSF:**

The revised Confidential Statement of Formula (CSF), referred to above and submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act, as amended, is acceptable. A copy of the CSF (Basic formulation, dated December 9, 2003) has been placed in the file for the subject product. This CSF supersedes previously submitted CSFs for the product.

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

Sincerely,

A handwritten signature in cursive script that reads "Susan L. Stanton, for".

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

Enclosure

# Hopkins Vapona Spray Solution

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**FOR AGRICULTURAL –  
COMMERCIAL USE ONLY**  
**NOT FOR SALE FOR ANY OTHER USE**  
**FOR USE IN FOGGERS, MIST SPRAYERS AND**  
**HAND SPRAYERS • READY TO USE SOLUTION •**  
**1% VAPONA • NO MIXING REQUIRED • FOR**  
**THE CONTROL OF INSECTS ATTACKING**  
**LIVESTOCK • FACE FLIES, HORN FLIES,**  
**STABLE FLIES, HOUSE FLIES, GNATS,**  
**MOSQUITOES • INSECT CONTROL IN HORSE**  
**BARNs, DAIRY BARNs, SHELTERS AND**  
**STABLES, MILK SHEDS AND POULTRY**  
**HOUSES • OUTDOOR AREAS SUCH AS FARM**  
**PREMISES, FEEDLOTS AND STOCKYARDS,**  
**CORRALS, HOLDING PEN, AND FENCES**

**ACTIVE INGREDIENT:**

2,2-Dichlorovinyl Dimethyl Phosphate*	0.98%
Related Compounds*	0.02%
<b>INERT INGREDIENTS**:</b>	<b>99.00%</b>
Total	100.00%

\*Equivalent to 1% Vapona<sup>®</sup> insecticide

\*\*Contains petroleum distillate

EPA Reg. No. 2393-480      EPA Est. No. 61282-WI-1

®† Vapona is a registered trademark of Boehringer Ingelheim Vetmedica, Inc.

**KEEP OUT OF REACH OF CHILDREN**  
**WARNING**

Si usted no entiende la etiqueta busque a alguien para que se la explique a usted en detalle.

(If you do not understand this label, find someone to explain it to you in detail.)

**FIRST AID**

<b>If swallowed:</b>	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.
<b>If inhaled:</b>	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. Call a poison control center or doctor for further treatment advice.
<b>If on skin or clothing:</b>	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.
<b>If in eyes:</b>	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. Call a poison control center or doctor for treatment advice.

**NOTE TO PHYSICIAN – POISONING SYMPTOMS:**  
 Symptoms include weakness; tightness in chest; blurred vision; non-reactive, pin-point pupils; salivation; sweating; nausea; vomiting; diarrhea; and abdominal cramps.

**ACCEPTED**  
**WITH COMMENTS**  
**In EPA Letter Dated:**  
**DEC 9 2003**  
 Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No. 2393-480

**TREATMENT:** Atropine is the specific therapeutic antagonist of choice against parasympathetic nervous stimulation. If there are signs of parasympathetic stimulation, Atropine Sulfate should be injected at 10-minute intervals in doses of 1 to 2 milligrams until complete atropinization has occurred. Pralidoxime chloride (2-PAM) may also be used as an effective antidote in addition to and while maintaining full atropinization. In adults, an initial dose of 1 gram of 2-PAM should be injected, preferably as an infusion in 250cc of saline over a 15 to 30 minute period. If this is not practical, 2-PAM may be administered slowly by intravenous injection as a 5 percent solution in water over not less than two minutes. After about an hour, a second dose of 1 gram of 2-PAM will be indicated if muscle weakness has not been relieved. For infants and children the dose of 2-PAM is 0.25 gram. Morphine is an improper treatment.

Clear chest by postural drainage. Oxygen administration may be necessary. Observe patient continuously for 48 hours. Repeated exposure to cholinesterase inhibitors may without warning cause prolonged susceptibility to very small doses of cholinesterase inhibitor. Allow no further exposure until cholinesterase regeneration has been attained as determined by blood test.

**FOR A MEDICAL EMERGENCY INVOLVING THIS PRODUCT CALL: 1-800-301-7976**

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

Contains an organophosphate that inhibits cholinesterase.

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

May be fatal if swallowed, inhaled, or absorbed through skin or eyes. Rapidly absorbed through skin and eyes. Do not get into eyes, on skin or on clothing. Do not breathe vapor or spray mist. Wash thoroughly with soap and water after handling and before eating or smoking. Do not contaminate feed, water, foodstuffs, milk or milking utensils. Wear clean, natural rubber gloves, protective clothing, and goggles, face shield or equivalent. Wear a pesticide respirator jointly approved by MSHA (Mine Safety and Health Administration) and NIOSH (National Institute for Occupational Safety and Health) under the provisions of 30 CFR Part 11. Wear impervious footwear or protective covers as shoes, boots and other articles made of leather or similar porous materials may be dangerously contaminated. Wash contaminated clothing with soap and hot water before reuse.

**ENVIRONMENTAL HAZARDS**

This product is toxic to fish, birds and other wildlife. Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water by cleaning of equipment or disposal of wastes.

**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.

**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 upright in original 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.

### RESTRICTIONS

Do not contaminate water or foodstuffs. Do not contaminate milk or milk equipment. Do not apply in areas where animals have received direct application of DDVP within eight (8) hours. 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 dried before milking. Brahman and Brahman cross cattle should not be treated as they may show hypersensitivity to organic phosphates. Do not apply to calves under six months of age. Do not contaminate food crops.

### APPLICATIONS

**Do not make direct application to livestock more frequently than once per day.**

**LIVESTOCK (Beef and Dairy Cattle, Goats, Horses, Sheep and Swine):** To Control Hornflies, Houseflies, Stable Flies, Face Flies: Apply one (1) to two (2) fluid ounces of this product per animal as a mist spray daily with hand or automatic sprayer. Use lower rates for smaller animals. Apply spray so as to wet the hair. Cover the animal with spray with particular attention to the back, flanks, legs and shoulders. Do not use in excess of two (2) fluid ounces per adult animal. Apply proportionately less to smaller animals. Do not soak the skin or wet the hides.

**FOGGING OUTDOORS: To Control Flies, Gnats and Mosquitoes:** Use in areas around farm buildings, (farm yards); manure treatments on farm premises; dairy and farm premises; feed lots, including around feed lots, stockyards, corrals, holding pens, fences and etc.; animal buildings, including barns, feeding areas, shelters and stables; dairy barns (including milk rooms, equipment and barnyards); livestock feeding areas; pens; poultry droppings, poultry houses (equipment and yards). Outdoor fogging with this product should be limited to use by or under the direction of trained personnel. Apply five (5) to ten (10) pints per acre (0.05 to 0.1 pounds actual dichlorvos) as a dense fog when wind is calm. Do not contaminate food crops. Avoid wetting foliage as plant injury may occur. Do not use this solution for fogging areas where animals have received direct application within eight (8) hours.

**FOGGING INDOORS: To Control Flies, Gnats and Mosquitoes:** Indoor fogging in animal buildings (Horse Barns, Dairy Barns, Shelters, Stables, Milk Rooms, and Poultry Houses). Use 1 pint of this product per 8,000 cubic feet. Do not use this solution for fogging areas where animals have received direct application within eight (8) hours. Do not contaminate water, feed or foodstuffs, milk or milking

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utensils. Before applying, reduce air movement as much as possible by closing doors, windows and other openings. Eliminate ignition sources such as pilot lights, fires and open flames. Disconnect electrical power. Fog for one (1) to five (5) seconds per 1,000 cubic feet, but use no more than one gallon per 64,000 cubic feet. Do not fog into or near an open flame. Occupants should vacate premises before treatment and should not reoccupy the premises until it has been ventilated. Leave treated area closed for at least 15 to 30 minutes and then open windows and doors to ventilate.

**ANIMAL BUILDINGS (Horse Barns, Dairy Barns, Shelters, Stables, Milk Sheds, Poultry Houses):** To Control Flies, Gnats, Mosquitoes, Roaches, Fleas, Ants, Sowbugs, Brown Dog Ticks, Spiders and Silverfish: Apply as a coarse wet spray using one (1) pint per 1,000 square feet. Spiders and Silverfish: Apply as a coarse wet spray using one (1) pint per 1,000 square feet. Treat around doorways, feed storage rooms, alleyways and windowsills. For control of Fly Maggots in maggot breeding areas, apply at the rate of one (1) to two (2) pints per 100 square feet.

**OUTDOOR AREAS SUCH AS FARM PREMISES, FEEDLOTS AND STOCKYARDS:** To Control Flies, Gnats, Mosquitoes, Roaches, Fleas, Ants, Sowbugs, Brown Dog Ticks, Spiders and Silverfish: Apply a coarse wet spray using one (1) pint per 1,000 square feet. Avoid contact with desirable plants as plant injury or loss may occur.

### WARRANTY DISCLAIMER AND NOTICE

IT IS IMPOSSIBLE TO ELIMINATE ALL RISKS INHERENTLY ASSOCIATED WITH THE USE OF THIS PRODUCT. ANIMAL INJURY, INEFFECTIVENESS, OR OTHER UNINTENDED CONSEQUENCES MAY RESULT DUE TO SUCH FACTORS AS WEATHER CONDITIONS, PRESENCE OR ABSENCE OF OTHER MATERIALS, OR THE MANNER OF USE OR APPLICATION, ALL OF WHICH ARE BEYOND THE CONTROL OF HACO, INC., THE MANUFACTURER OR SELLER.

THE PRODUCTS SOLD TO YOU ARE FURNISHED "AS IS" BY HACO, INC., THE MANUFACTURER OR SELLER, AND ARE SUBJECT ONLY TO THE MANUFACTURER'S WARRANTIES, IF ANY, WHICH APPEAR ON THE LABELS TO THE PRODUCTS SOLD TO YOU. EXCEPT AS EXPRESSLY PROVIDED HEREIN, HACO, INC., THE MANUFACTURER OR SELLER MAKES NO WARRANTIES, GUARANTEES, OR REPRESENTATIONS OF ANY KIND TO BUYER OR USER, EITHER EXPRESS OR IMPLIED, OR BY USAGE OF TRADE, STATUTORY OR OTHERWISE, WITH REGARD TO THE PRODUCT SOLD OR USE OF THE PRODUCT, INCLUDING, BUT NOT LIMITED TO, MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, USE OR ELIGIBILITY OF THE PRODUCT FOR ANY PARTICULAR TRADE USAGE. EXCEPT AS EXPRESSLY STATED HEREIN, HACO, INC., THE MANUFACTURER OR SELLER MAKES NO WARRANTY OF RESULTS TO BE OBTAINED BY USE OF THE PRODUCT. BUYER'S OR USER'S EXCLUSIVE REMEDY, AND HACO, INC.'S, THE MANUFACTURER'S OR SELLER'S TOTAL LIABILITY, SHALL BE LIMITED TO DAMAGES NOT EXCEEDING THE COST OF THE PRODUCT. NO AGENT OR EMPLOYEE OF HACO, INC.

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IN NO EVENT SHALL HACO, INC., THE MANUFACTURER OR SELLER BE LIABLE FOR CONSEQUENTIAL, SPECIAL OR INDIRECT DAMAGES RESULTING FROM THE USE, HANDLING, APPLICATION, STORAGE OR DISPOSAL OF THIS PRODUCT OR FOR DAMAGES IN THE NATURE OF PENALTIES AND THE BUYER AND USER WAIVE ANY RIGHT THEY MAY HAVE TO SUCH DAMAGES.

**Manufactured for:**  
**Haco, Inc.**  
**PO Box 7190 • Madison, WI 53707**