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JUN 16 1986

Mr. Leon P. Knight
Technical Products Corporation
1501 London Boulevard
Portsmouth, VA 23704

Dear Mr. Knight:

Subject: Amendment - Label Change, Add Bulk Grain and Animal Feed
Lethalaire A-41
EPA Registration No. 54282-30
Your Application Dated December 4, 1985

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, is acceptable provided that you make the labeling changes listed below before you release the product for shipment bearing the amended labeling:

1. Change FIRST AID TREATMENT to read STATEMENT OF PRACTICAL TREATMENT and move it to the front panel.
2. Add "or convulsing" between "unconscious" and "person" in the If Swallowed section of item 1, above.
3. Move NOTE TO PHYSICIAN to follow STATEMENT OF PRACTICAL TREATMENT if possible, or make it the first entry under PRECAUTIONARY STATEMENTS.
4. Any reference to "general use" classification must be removed from Lethalaire A-41's labeling. "General Use" as a classification is no longer deemed valid by the Agency, even when products are not subject to restricted use as in the case of Lethalaire A-41. If a product is classified for restricted use, this classification notifies individuals that the chemical may be applied only by or under the direct supervision of a certified applicator. The absence of a restricted use classification clearly implies that the aforementioned restriction does not apply to a particular pesticide or its uses. A second classification for general use is thereby unnecessary and should not appear on this labeling.

50572:LaRocca:LR-7:KENCO:6/11/86:6/17/86:dej:vo

CONCURRENCES

CONCURRENCES							
SYMBOL ▶							
SURNAME ▶							
DATE ▶							

- 5. Change yellow meal worm to yellow mealworm.
- 6. Change "personnel trained by Virginia Chemicals, Inc." to "personnel trained by Technical Products Corporation."

In regard to the Confidential Statement of Formula (CSF) submitted and your request for alternate vendors, we have the following comments:

- 1. There appear to be two sources of dichlorvos listed, only one of which is registered. If this is the case, you must submit appropriate information on the unregistered source or delete this alternate source.
- 2. Note that current policy does not permit the label declaration of active ingredient to be more than the lower certified limit. Please correct your CSF so that it coincides with the label declaration.
- 3. Please state the active ingredient limits in terms of pure active ingredient on the CSF.
- 4. The active ingredient is potentially overformulated by 47%. Your formulation process should be modified to reduce this high overformulation.

Submit five (5) copies of your final printed labeling before you release the product for shipment.

A stamped copy of the labeling is enclosed for your records.

Sincerely yours,

George T. LaRocca
 Product Manager (15)
 Insecticide-Rodenticide Branch
 Registration Division (TS-767C)

Enclosure

Directions For Use.
General Classification.

LETHALAIRE A-41

IT IS A VIOLATION OF FEDERAL LAW TO USE THIS PRODUCT IN A MANNER INCONSISTENT WITH ITS LABELING.

IMPORTANT—First read the precautions printed on Right Panel of Label.

GENERAL INFORMATION: LETHALAIRE A-41 is an aerosol designed for use only with Technical Products Corporation automatic application device. Applied as an aerosol in warehouse or plant areas. Acts by contact and the insecticide releases a vapor which continues to act for three to four hours. LETHALAIRE A-41 volatilizes completely in about five hours.

ENTOMOLOGICAL RECOMMENDATIONS: LETHALAIRE A-41 is recommended for control of the accessible stages of YELLOW MEAL WORM, MEDITERRANEAN FLOUR WORM, INDIAN MEAL WORM, ANGILOMYS GRAIN MOTH, ALMOND MOTH, SAWTOOTHED GRAIN BEETLE, CONFUSED FLOUR BEETLE, RICE WEEVIL, LESSER GRAINGORER, CIGARETTE BEETLE, AND CRABBLE in food warehouses and places containing non-perishable packaged or bagged raw or processed food commodities as well as bulk grain and animal feed. Permitted foods include flour, sugar, cereals, packaged cooking and crackers. Use combination includes bagged or bulk items such as beans and peas, whole beans, nuts and grains. LETHALAIRE A-41 cannot be used where processed foods requiring refrigeration are stored. It cannot be used where raw commodities such as eggs, milk, poultry or fresh fruits and vegetables are stored.

REPARATION OF FACTORY OR WAREHOUSE AREAS: LETHALAIRE A-41's automatic insect control systems can be installed only under supervision of personnel trained by Technical Products Corporation. The aerosol must be attached to permanently mounted brackets and fed with special applicator. The automatic insect control system controls insects in an area up through 50,000 cubic feet of space. As many as 60 units can be wired in series and activated through the use of a single A-41 timer. The timer must be set to deliver 2.5 grams LETHALAIRE A-41 per 1,000 cubic feet of space (0.5 gram DDVP per 1,000 cubic feet). Optimum results are obtained when daily applications are made as migrations are minimized. LETHALAIRE A-41 insecticide does not penetrate containers and infested products should be fumigated or treated by other effective methods approved for the purpose.

Treatments must be made during hours when buildings are unoccupied. All entrances must be locked and DANGER signs must be placed at all entrances indicating the hours of application and time of safe re-entry.

Treated areas should not be entered for a period of five hours after application.

Food should be removed or covered during treatment. All food processing surfaces must be covered during treatment or be thoroughly cleaned before using.

The mechanical equipment used in the application of this insecticidal composition is covered by United States Patent Number 3,209,950 owned by Technical Products Corporation.

LOT
NO.

27-332 485P

DOT SHIPPING NAME
COMPRESSED GAS, n.o.s.

UN 1956

LETHALAIRE

AN AEROSOL INSECTICIDE CONTAINING

20% DDVP INSECTICIDE

FOR WAREHOUSE INSECT CONTROL IN NON-RESIDENTIAL FOOD-HANDLING AREAS

ACTIVE INGREDIENTS:

2,2-Dichlorovinyl Dimethyl Phosphate (DDVP)

Residual Compounds

INERT INGREDIENTS



KEEP OUT OF REACH OF CHILDREN
VAPOR EXTREMELY HAZARDOUS
DANGER! POISON

SEE RIGHT PANEL FOR ADDITIONAL PRECAUTIONS
HAZAROUS TO HUMANS AND DOMESTIC ANIMALS

Placed must be placed outside of treated area indicating danger, hours of application and when safe to re-enter. Read all of label carefully. Use only as directed. Do not get vapor or liquid on skin. Do not get vapor or liquid in eyes. Keep eyes ALWAYS WEAR PROTECTIVE CLOTHING AND AN APPROVED RESPIRATOR approved by the Mine Safety and Health Administration (MSHA) and the National Fire Protection Association (NFPA) for protection against dichloro-
PHYSICAL OR CHEMICAL HAZARD

Contents under pressure. Do not use or store near heat or open flame. Do not use at temperatures above 130° F to prevent bursting.

THIS CYLINDER IS REFILLABLE BY MANUFACTURER ONLY.
Return to Manufacturer for Deposit or Exchange.

EPA EST. APPLIED FOR

A PRODUCT OF
TECHNICAL PRODUCTS CORPORATION
PORTSMOUTH, VIRGINIA

LETHALAIRE

AN AEROSOL INSECTICIDE CONTAINING

20% DDVP INSECTICIDE



NET WT.

FOR WAREHOUSE INSECT CONTROL OR NON-RESIDENTIAL FOOD-HANDLING AREAS.

ACTIVE INGREDIENTS:	By Weight
2,2-Dichlorovinyl Dimethyl Phosphate (DDVP)	18.0%
Related Compounds	1.4%
INERT INGREDIENTS	80.6%
TOTAL	100.0%



**KEEP OUT OF REACH OF CHILDREN
VAPOR EXTREMELY HAZARDOUS
DANGER! POISON**



**SEE RIGHT PANEL FOR ADDITIONAL PRECAUTIONS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

Placard must be placed outside of treated area indicating danger, hours of application and time of safe re-entry. Poisonous if swallowed, inhaled or absorbed through skin. Read all label carefully. Use only as directed. Keep away from heat and open flame. Do not breathe the vapor. Do not get vapor or liquid on skin. Do not get vapor or liquid in eyes. Keep away from feed and food products. Do not get on clothing. ALWAYS WEAR PROTECTIVE CLOTHING AND AN APPROVED RESPIRATOR WHEN APPLYING. Wear a pesticide respirator only approved by the Mine Safety and Health Administration (MSHA) and the National Institute for Occupational Safety and Health (NIOSH) under the provisions of 30 CFR Part 11 for protection against dichlorvos.

PHYSICAL OR CHEMICAL HAZARDS

Contents under pressure. Do not use or store near heat or open flame. Do not puncture or incinerate container. Exposure to temperatures above 130° F may cause bursting.

THIS CYLINDER IS REFILLABLE BY MANUFACTURER

Return to Manufacturer for Deposit or Exchange when Empty.

EPA EST. APPLIED FOR

EPA REG. NO. 54182-10

A PRODUCT OF
TECHNICAL PRODUCTS CORPORATION
PORTSMOUTH, VIRGINIA

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.
Disposal: This cylinder is refillable; return to manufacturer for deposit or exchange when empty.

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS DANGER

DO NOT CONTACT THE SKIN. Gloves impervious to DDVP should be worn. All skin surfaces should be completely covered with protective clothing (coveralls and hat) during application.
DO NOT inhale DDVP MIST. Wear a pesticide respirator (only approved by the Mine Safety and Health Administration (MSHA) and the National Institute for Occupational Safety and Health (NIOSH) under the provisions of 30 CFR Part 11 for protection against dichlorvos). ADEQUATE PERSONAL HYGIENE AND CLEANLINESS are necessary. After applying remove clothing and be thoroughly with warm water and soap. Wash clothing before re-use.
DO NOT CONTAMINATE FOOD, smoke, eat or chew tobacco in the operation area.

FIRST AID TREATMENT

If swallowed—Call a physician or Poison Control Center immediately. Drink one or two glasses of water and induce vomiting by touching the back of the throat with finger. Repeat until vomit fluid is clear. Do not induce vomiting or give anything by mouth to an unconscious person.
If inhaled—Remove victim to fresh air. Apply respiration if indicated.
If on skin—Remove contaminated clothing and wash affected areas with soap and water.
If in eyes—Flush eyes for at least 15 minutes with water. Call a physician immediately.
CALL A PHYSICIAN OR POISON CONTROL CENTER IMMEDIATELY IN ALL CASES OF SUSPECTED POISONING. • Keep patient prone and quiet. • Start artificial respiration immediately if patient is not breathing. • Transport the patient immediately to the nearest physician.

NOTE TO PHYSICIAN

POISONING SYMPTOMS: Symptoms include weakness, headache, tightness in chest, blurred vision, non-reactive pupils, pupillary dilatation, sweating, nausea, vomiting, diarrhea and abdominal cramps.
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.
• Morphine is contraindicated. • Clear chest by postural drainage. • Observe patient continuously for 48 hours. • Repeated exposure to cholinesterase inhibitors may, without warning, cause prolonged susceptibility to very small doses of any cholinesterase inhibitor. • Allow no further exposure until time for cholinesterase regeneration has been allowed as determined by blood test.

**APPROVED
FOR APPLICATION
DATE: 10/20/73**

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