

1187-108

DIRECTIONS FOR APPLYING **LETHALAIRE** A-35

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

ENTOMOLOGICAL RECOMMENDATIONS: When applied as an aerosol **LETHALAIRE A-35** is recommended for use in tobacco warehouses and factories for the control of the tobacco moth *Ephestia elutella* (Hbn.) and the cigarette beetle *Lasioderma serricorne* (F.)

GENERAL INFORMATION: **LETHALAIRE A-35** applied as an aerosol in warehouse areas kills by contact, and the deposit of insecticide releases a vapor which continues to kill for three to four days. The insecticide volatilizes completely in about two weeks. The vapor will give good control of the tobacco moth and will also kill exposed adult cigarette beetles and young larvae, also destroying the viability of eggs in the later stages of incubation if they are exposed. Because the vapor emitted from this material will kill for several days, it is more effective than a contact insecticide which kills only during the few minutes its particles are suspended in the air.

Tobacco insects are most active between 5:00 P.M. and midnight. For this reason, aerosols applied between 5:00 P.M. and midnight give best results. Large quantities of tobacco may be treated rapidly and with relative economy.

Cigarettes made of cut cigarette tobacco, after prolonged exposure to an atmosphere saturated with DDVP vapor, had normal smoking flavor.

PREPARATION OF WAREHOUSE AREAS: The preparation of warehouse areas is based primarily on the number of cubic feet of area to be treated. Several **LETHALAIRE A-35** units can be mounted and wired in series. This enables two or more units to be activated simultaneously through the use of a single electrical switch. The number of units is based on an application rate of 1.25 grams of **LETHALAIRE A-35** per cubic foot (0.5 gram of DDVP per 1000 cubic feet). A single automatic **LETHALAIRE A-35** unit activated for a period of 25 seconds would treat approximately 50,000 cubic feet of area.

Treated warehouses should not be entered for a period of four hours after application, until aerosol particles have settled.

The mechanical equipment used in the application of this insecticide is covered by United States Patent Number 3,109,960, owned by Virginia Chemicals Inc.

LOT NO.

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

UN 1956

27-323 1282P

LETHALAIRE

AN AEROSOL INSECTICIDE CONTAINING
40% DDVP
FOR THE CONTROL OF TOBACCO INSECTS

A-35

ACTIVE INGREDIENTS
40% Dichlorovinyl Dimethyl Phosphate (DDVP)
Related Compounds
INERT INGREDIENTS

By Weight
37.2%
2.8%
60.0%

Total



**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. Poisonous if swallowed, inhaled or absorbed through skin. Read label carefully. Use only as directed. Keep away from heat and open flame. Do not breathe vapor. Do not vaporize liquid on skin. Do not get vapor or liquid in eyes. Keep away from feed and food products. Do not eat, drink or smoke.

ALWAYS USE AN APPROVED GAS MASK WHEN APPLYING: Wear a pesticide respirator jointly approved by the Mining Enforcement and Safety Administration (formerly the U.S. Bureau of Mines) and by the National Institute for Occupational Safety and Health under the provisions of 30 CFR Part 11.

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 1187-VA-1

APR 1974

E.P.A. Reg. No. 111

VIRGINIA CHEMICALS INC. PORTSMOUTH, VIRGINIA

BEST DOCUMENT AVAILABLE

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DIRECTIONS FOR APPLYING **LETHALAIRE** A-35

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

IMPORTANT

ENTOMOLOGICAL RECOMMENDATIONS When applied as an aerosol, **LETHALAIRE A-35** is recommended for use in tobacco warehouses and factories for the control of the tobacco moth (*Plodia interpunctella* Hbn.) and the cigarette beetle (*Lasius niger* L.) as well as a series of other insects.

GENERAL INFORMATION **LETHALAIRE A-35** is a highly effective insecticide which acts by contact and ingestion. It is a powerful fumigant and is highly effective against all stages of the life cycle of the insects mentioned above. It is also effective against a wide range of other insects, including flies, beetles, and moths. It is a non-flammable, non-toxic, and non-corrosive product which is safe for use in food processing areas.

The product is available in a ready-to-use aerosol form. It is applied by spraying the product into the air of the area to be treated. The product is highly effective against all stages of the life cycle of the insects mentioned above.

The product is highly effective against all stages of the life cycle of the insects mentioned above. It is also effective against a wide range of other insects, including flies, beetles, and moths.

PREPARATION OF WAREHOUSE AREAS Before applying **LETHALAIRE A-35**, the area to be treated should be thoroughly cleaned and free of all debris. The product should be applied in a well-ventilated area. The product is highly effective against all stages of the life cycle of the insects mentioned above.

The product is highly effective against all stages of the life cycle of the insects mentioned above. It is also effective against a wide range of other insects, including flies, beetles, and moths.

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LOT
NO.



27-123-12621

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

UN 1956

LETHALAIRE

AN AEROSOL INSECTICIDE CONTAINING
40% DDVP
FOR THE CONTROL OF TOBACCO INSECTS



KEEP OUT OF REACH
VAPOR EXTREMELY
DANGER!

SEE RIGHT PANEL FOR ADDITIONAL
HAZARDS TO HUMANS AND

Precautions should be taken to avoid contact with the product. The product is highly effective against all stages of the life cycle of the insects mentioned above.

ALWAYS USE AN APPROVED GAS MASK WHEN APPLYING the product. The product is highly effective against all stages of the life cycle of the insects mentioned above.

PHYSICAL OR CHEMICAL properties of the product are as follows:

Content under pressure. Do not use or store near heat or fire. Excessive temperatures above 100°F may cause burst.

THIS CYLINDER IS REFILLABLE

Return to Manufacturer for Deposit

EPA EST. 1187-VA-1

VIRGINIA CHEMICALS INC. P.O. BOX 1000, RICHMOND, VA 23218

VIRGINIA CHEMICALS INC. PORTSMOUTH VIRGINIA