



293

# AMVOS LIQUITECH

## DIPHOSPHORUS INSECTICIDE - AN INSECTICIDE FOR FORMULATING USE ONLY

### PHYSICAL PROPERTIES

Formulators using this product are advised to read the formulation of their formulated products and registrations.

### USE FOR USE

This product is to be used in a manner inconsistent with the formulation of other dichlorvos products. Use STRICTLY IN ACCORDANCE WITH THE DIRECTIONS AND INSTRUCTIONS STATED ON THE PRODUCT LABEL. DO NOT USE THIS PRODUCT IN ANY STATE AND FEDERAL JURISDICTION WHERE THE USE OF DIPHOSPHORUS INSECTICIDE IS PROHIBITED BY THIS PRODUCT LABEL.

Formulations of this product are available in the form of aerosol/foggers and liquid formulations. Formulations are available for use in residential, commercial, industrial and agricultural settings. Formulations are available for use in residential, commercial, industrial and agricultural settings.

### FORMULATIONS

#### AEROSOL/FOGGER

Treatment at 0.5 grams a.i./1,000 cubic feet

Use in basements, animal buildings and other enclosed areas.

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#### AEROSOL/FOGGER

1.0% Treatment at 0.5 grams a.i./1,000 cubic feet

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#### LIQUID FORMULATIONS FOR AGRICULTURAL/COMMERCIAL USE ONLY

Use in areas under the general category of 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 alleys, shelters and stables; dairy barns (including milk rooms, equipment and banyards); livestock feeding areas; pens, poultry droppings, poultry houses (equipment and yards); beef-cattle, poultry, dairy cattle, goats, horses (including ponies), sheep, swine and turkeys.

Use in areas under the general category of 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 alleys, shelters and stables; dairy barns (including milk rooms, equipment and banyards); livestock feeding areas; pens, poultry droppings, poultry houses (equipment and yards); beef-cattle, poultry, dairy cattle, goats, horses (including ponies), sheep, swine and turkeys.

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### COMMERCIAL AEROSOL/FOGGER FOR THE FOLLOWING USES

1. For use in warehouses, silos, bulk bins and food/feed processing, food/feed manufacturing, handling and storage plants containing non-perishable, packaged or bagged raw or processed food/feed commodities or bulk raw or processed food/feed commodities and non-food/feed areas of processing plants, at 2.0 grams a.i. / 1,000 cubic feet maximum. Non-food/feed and manufacturing plant use areas include garbage rooms, lavatories, floor drains (to sewer entries and vestibules), offices, locker rooms, machine rooms, boiler rooms, garages, mop closets and storage (after canning or bottling).

a. Keep a minimum of a 7 day interval between applications except on cocoa beans and raw (unshelled) peanuts where daily applications do not exceed 0.5 grams a.i. per 1,000 cubic feet of head space.

b. Do not make applications when temperatures are below 60°F. 2. All treatments should be made during the hours when buildings are unoccupied. Buildings treated should be closed and ventilation kept at a minimum during application. Lock all entrances and do not allow unprotected workers to enter building during treatment.

Place WARNING signs at entrances stating: "THIS BUILDING SHOULD BE OPENED AND AIRED PRIOR TO REENTRY OF UNPROTECTED WORKERS. THIS BUILDING MUST NOT BE ENTERED WITHOUT PERSONAL PROTECTION EQUIPMENT FOR 24 HOURS; OR, UNTIL A "DIRECT INDICATING SHORT TERM CONCENTRATION MONITORING DEVICE" (e.g. a Drager Tube) INDICATES THAT THE DDVP AIR CONCENTRATION IS EQUAL TO, OR LESS THAN, 50% OF THE PEL (0.1 PPM); AN AIR CONCENTRATION OF 0.05 PPM OR LESS IS REQUIRED FOR ENTRY WITHOUT PERSONAL PROTECTION EQUIPMENT. DO NOT ENTER PRIOR TO \_\_\_\_\_ AM or PM ON (Date) WITHOUT PERSONAL PROTECTION EQUIPMENT UNLESS AIR CONCENTRATIONS OF DDVP ARE 50% OF THE PEL OR LESS."

3. FOR SALE TO, USE AND STORAGE BY COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL APPLICATORS ONLY. The term "non-perishable" means any raw or process not subject to rapid decay or deterioration that would render it unfit for consumption. Raw commodities would include: Animal feed, cocoa beans, dried beans, grain crops, peanuts, soybeans and nut crops. Raw commodities do not include: eggs, milk, meat, poultry, fish, fresh fruits and vegetables. Processed food/feed would include: flour, sugar, cereals, packaged goods and crackers. Processed food/feed do not include: hermetically sealed food/feed or manufactured dairy products and other processed food/feed requiring freezing or refrigeration.

4. When using in food/feed processing, food/feed manufacturing, handling and storage areas:

a. Apply only during times when plant is not in operation and no food/feed products are exposed. If bulk, unpackaged food/feed are exposed, remove or cover before treatment begins.

b. All food/feed processing surfaces should be covered during treatment or thoroughly cleaned before using.

#### NOTE: USE IS PROHIBITED IN:

*I-Food/feed manufacturing establishments:* bottling plants (including wineries, breweries, soft drinks), frozen food/feed (including pizza plants and ice cream plants), excluding non-food/feed manufacturing areas.

*II-Food/feed processing establishments:* meat, poultry and seafood, slaughtering and/or packing plants (including edible fats and oils), frozen food/feed plants (including fruit and vegetables), dairy product plants (including milk processing plants), excluding non-food/feed processing areas.

#### LIQUID FORMULATIONS FOR AGRICULTURAL/COMMERCIAL USE ONLY

For use in areas under the general category of 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 alleys, shelters and stables; dairy barns (including milk rooms, equipment and banyards); livestock feeding areas; pens, poultry droppings, poultry houses (equipment and yards); beef-cattle, poultry, dairy cattle, goats, horses (including ponies), sheep, swine and turkeys.

1. All formulations for the above uses must state: FOR AGRICULTURAL/COMMERCIAL USE ONLY. NOT FOR SALE FOR ANY OTHER USES.

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

### LIQUID FORMULATIONS FOR THE FOLLOWING USES:

Indoor crack and crevice use in non-food/feed areas of commercial/institutional and industrial areas; domestic dwellings (including campers, hotels, motels, tourist courts). For outdoor use including patios and lawns; kennels, including outside runways, window sills and ledges; outside surfaces of buildings, including porches, screens, window frames, eaves, patios, garages; refuse dumps; refuse and solid waste containers; wine cellars.

1. FOR SALE TO, USE AND STORAGE BY LICENSED PEST CONTROL OPERATORS ONLY.

2. For indoor use, only crack and crevice treatments are permitted. Space spray use is prohibited.

3. Do not use in hospitals or clinical rooms, such as patient rooms, wards, nurseries, operating or emergency areas. Do not use in any rooms where infants, or the sick or aged are, or will be present for any extended period of confinement.

4. Do not use in food/feed handling establishments, restaurants, or areas where food/feed is prepared or processed. Do not use to treat non-perishable bagged and/or bulk stored raw or processed agricultural commodities.

5. Do not treat more than 5 application sites per day and do not make DDVP applications more than once per week.

### LIQUID FORMULATIONS FOR THE FOLLOWING USES:

For use in mushroom houses and greenhouses (non food crops) at 2.0 gms. a. i. / 1,000 cubic feet maximum.

1. FOR SALE TO, USE AND STORAGE BY LICENSED PEST CONTROL OPERATORS OR CERTIFIED APPLICATORS ONLY.

2. Keep a minimum of 7 day interval between applications.

#### LIQUID FORMULATIONS FOR USE ONLY IN COMMERCIAL APPLICATION EQUIPMENT SUCH AS CONVENTIONAL OR ULV FOGGING EQUIPMENT (SPACE TREATMENT):

1. For use in warehouses, silos, bulk bins and food/feed processing, food/feed manufacturing, handling and storage plants containing non-perishable, packaged or bagged raw or processed food/feed commodities or bulk raw or processed food commodities and non-food/feed areas of processing plants, at 2.0 grams a. i. / 1,000 cubic feet maximum. Non-food/feed and manufacturing plant use areas include garbage rooms, lavatories, floor drains (to sewers entries and vestibules), offices, locker rooms, machine rooms, boiler rooms, garages, mop closets and storage (after canning or bottling).

a. Keep a minimum of a 7 day interval between applications except on cocoa beans and raw (unshelled) peanuts where daily applications do not exceed 0.5 grams a. i. per 1,000 cubic feet of head space.

b. Do not make applications when temperatures are below 60°F. 2. All treatments should be made during the hours when buildings are unoccupied. Buildings treated should be closed and ventilation kept at a minimum during application. Lock all entrances and do not allow unprotected workers to enter building during treatment.

Place WARNING signs at entrances stating:

"THIS BUILDING SHOULD BE OPENED AND AIRED PRIOR TO REENTRY OF UNPROTECTED WORKERS. THIS BUILDING MUST NOT BE ENTERED WITHOUT PERSONAL PROTECTION EQUIPMENT FOR 24 HOURS; OR, UNTIL A "DIRECT INDICATING SHORT TERM CONCENTRATION MONITORING DEVICE" (e.g. a Drager Tube) INDICATES THAT THE DDVP AIR CONCENTRATION IS EQUAL TO, OR LESS THAN, 50% OF THE PEL (0.1 PPM); AN AIR CONCENTRATION OF 0.05 PPM OR LESS IS REQUIRED FOR ENTRY WITHOUT PERSONAL PROTECTION EQUIPMENT. DO NOT ENTER PRIOR TO \_\_\_\_\_ AM or PM ON (Date) WITHOUT PERSONAL PROTECTION EQUIPMENT UNLESS AIR CONCENTRATIONS OF DDVP ARE 50% OF THE PEL OR LESS."

3. FOR SALE TO, USE AND STORAGE BY COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL APPLICATORS ONLY. The term "non-perishable" means any raw or process not subject to rapid decay or deterioration that would render it unfit for consumption. Raw commodities would include: Animal feed, cocoa beans, dried beans, grain crops, peanuts, soybeans and nut crops. Raw commodities do not include: eggs, milk, meat, poultry, fish, fresh fruits and vegetables. Processed food/feed would include: flour, sugar, cereals, packaged goods and crackers. Processed food/feed do not include: hermetically sealed food/feed or manufactured dairy products and other processed food/feed requiring freezing or refrigeration.

4. When using in food/feed processing, food/feed manufacturing, handling and storage areas:

a. Apply only during times when plant is not in operation and no food/feed

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# DIQUITE CH IN INSECTICIDE FOR FORMULATING USE ONLY

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OF 0.05 PPM OR LESS IS REQUIRED  
PROTECTION EQUIPMENT.

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Food/feed processing areas.

## ULATIONS ERIAL USE ONLY:

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must state: FOR AGRICULTURAL/  
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stock more frequently than once per

**LIQUID FORMULATIONS FOR THE FOLLOWING USES:** Indoor crack  
and crevice use in non-food/feed areas of commercial/institutional and  
industrial areas; domestic dwellings (including campers, hotels, motels,  
tourist courts). For outdoor use including patios and lawns; kennels,  
nurseries, operating or emergency areas. Do not use in any rooms where  
infants, or the sick or aged are, or will be present for any extended period  
of confinement.

1. FOR SALE TO, USE AND STORAGE BY LICENSED PEST CONTROL OPERATORS ONLY.
2. For indoor use, only crack and crevice treatments are permitted. Space spray use is prohibited.
3. Do not use in hospitals or clinical rooms, such as patient rooms, wards, nurseries, operating or emergency areas. Do not use in any rooms where infants, or the sick or aged are, or will be present for any extended period of confinement.
4. Do not use in food/feed handling establishments, restaurants, or areas where food/feed is prepared or processed. Do not use to treat non-perishable bagged and/or bulk stored raw or processed agricultural commodities.
5. Do not treat more than 5 application sites per day, and do not make DDVP applications more than once per week.

**LIQUID FORMULATIONS FOR THE FOLLOWING USES:** For use in  
mushroom houses and greenhouses (non food crops) at 2.0 gms. a. i. /  
1,000 cubic feet maximum.

1. FOR SALE TO, USE AND STORAGE BY LICENSED PEST CONTROL OPERATORS OR CERTIFIED APPLICATORS ONLY.
2. Keep a minimum of 7 day interval between applications.

## LIQUID FORMULATIONS FOR USE ONLY IN COMMERCIAL APPLICATION EQUIPMENT SUCH AS CONVENTIONAL OR ULV FOGGING EQUIPMENT (SPACE TREATMENT):

1. For use in warehouses, silos, bulk bins and food/feed processing, food/  
feed manufacturing, handling and storage plants containing non-  
perishable, packaged or bagged raw or processed food/feed commodities  
or bulk raw or processed food commodities and non-food/feed areas of  
processing plants, at 2.0 grams a. i. / 1,000 cubic feet maximum. Non-  
food/feed and manufacturing plant use areas include garbage rooms,  
lavatories, floor drains (to sewers entries and vestibules), offices, locker  
rooms, machine rooms, boiler rooms, garages, mop closets and storage (after  
canning or bottling).

- a. Keep a minimum of a 7 day interval between applications except on cocoa  
beans and raw (unshelled) peanuts where daily applications do not exceed  
0.5 grams a. i. per 1,000 cubic feet of head space.
  - b. Do not make applications when temperatures are below 60° F.
2. All treatments should be made during the hours when buildings are  
unoccupied. Buildings treated should be closed and ventilation kept at a  
minimum during application. Lock all entrances and do not allow  
unprotected workers to enter building during treatment.  
Place WARNING signs at entrances stating:  
"THIS BUILDING SHOULD BE OPENED AND AIRED PRIOR TO  
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BE ENTERED WITHOUT PERSONAL PROTECTION EQUIPMENT FOR  
24 HOURS; OR, UNTIL A "DIRECT INDICATING SHORT TERM  
CONCENTRATION MONITORING DEVICE" (e.g. a Drager Tube)  
INDICATES THAT THE DDVP AIR CONCENTRATION IS EQUAL TO, OR  
LESS THAN, 50% OF THE PEL (0.1 PPM); AN AIR CONCENTRATION  
OF 0.05 PPM OR LESS IS REQUIRED FOR ENTRY WITHOUT  
PERSONAL PROTECTION EQUIPMENT.

DO NOT ENTER PRIOR TO AM OR PM ON (Date) WITHOUT  
PERSONAL PROTECTION EQUIPMENT UNLESS AIR  
CONCENTRATIONS OF DDVP ARE 50% OF THE PEL OR LESS."

3. FOR SALE TO, USE AND STORAGE BY COMMERCIAL INDUSTRIAL  
AND INSTITUTIONAL APPLICATORS ONLY. The term "non-perishable"  
means any raw or process not subject to rapid decay or deterioration that  
would render it unfit for consumption. Raw commodities would include:  
Animal feed, cocoa beans, dried beans, grain crops, peanuts, soybeans  
and nut crops. Raw commodities do not include: eggs, milk, meat, poultry,  
fish, fresh fruits and vegetables. Processed food/feed would include: flour,  
sugar, cereals, packaged goods and crackers. Processed food/feed do not  
include: hermetically sealed food/feed or manufactured dairy products and  
other processed food/feed requiring freezing or refrigeration.

4. When using in food/feed processing, food/feed manufacturing, handling  
and storage areas:

- a. Apply only during times when plant is not in operation and no food/feed

- a. products are exposed. If bulk, unpackaged food/feed are exposed, remove  
or cover before treatment begins.
- b. All food/feed processing surfaces should be covered during treatment or  
thoroughly cleaned before using.

## NOTE: USE IS PROHIBITED IN:

**i-Food/feed manufacturing establishments:** bottling plants (including  
wineries, breweries, soft drinks), frozen food/feed (including pizza plants  
and ice cream plants), excluding non-food/feed manufacturing areas.

**ii-Food/feed processing establishments:** meat, poultry and seafood,  
slaughtering and/or packing plants (including edible fats and oils), frozen  
food/feed plants (including fruit and vegetables), dairy product plants  
(including milk processing plants), excluding non-food/feed processing  
areas.

**DRUM HANDLING:** Handle carefully to prevent damage and leakage. Open  
drums only when set on end and under a ventilated hood. Unscrew bungs  
slowly to release internal pressure.

### STORAGE AND DISPOSAL

Do not contaminate water, food/feed by storage or disposal. **STORAGE:** Store  
product in original container in a cool, dry, locked place out of reach of children.  
**PESTICIDE DISPOSAL:** Pesticide wastes are acutely hazardous. Improper  
disposal of excess pesticide, spray mixture or rinsate is a violation of Federal  
Law. If these wastes cannot be disposed of by use according to label  
instructions, contact your State Pesticide or Environmental Control Agency, or  
the Hazardous Waste representative at the nearest EPA Regional Office for  
guidance. **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.

**IMPORTANT: PLEASE READ BEFORE USE**

By using this product, the user accepts the following: LIMITED WARRANTY:  
AMVAC warrants that (a) this product conforms to the chemical description on  
its label; (b) this product is reasonably fit for the purposes stated on its label,  
subject to the inherent risks referred to herein, when used in accordance with  
its directions; and that the directions, warnings, cautions, and other statements  
on this label are based upon responsible experts' evaluations of reasonable  
tests of effectiveness, of toxicity to laboratory animals and plants, or residues  
on food crops, and upon reports of field experience.

Testing has not been performed on all varieties of food crops, and plants, in all  
states, or under all application, weather and crop conditions. There are no  
express warranties other than those set forth herein. Amvac neither makes  
nor intends, nor does it authorize any agent or representative to make, any  
other warranty, express or implied. Amvac expressly excludes and disclaims  
all implied warranties of merchantability, fitness for particular purpose, or any  
other warranty of quality or performance. This warranty does not extend to,  
and the user shall be solely responsible for, any loss or damage which results  
from the use of this product in any manner which is inconsistent with this  
label's directions, warnings or cautions. User's exclusive remedy and Amvac's  
or Sellers exclusive liability for any claim, loss, damage, or injury resulting  
from the use or handling of this product, whether or not based in contract,  
negligence, strict liability in tort, or otherwise shall be limited, at Amvac's option,  
to replacement of, or repayment of the purchase prices for the quantity of  
product with respect to which damages are claimed. In no event shall Amvac  
or Seller be liable for special, indirect, or consequential damages resulting  
from the use or handling of this product.

ACCEPTED

For the following Emergencies  
18 FEB 1997 phone 24 hours a day:

Transportation-Chemtrek  
1-800-424-9300

Under the Federal Insecticide,  
Fungicide, and Rodenticide Act,  
as amended, for the  
regulation under  
EPA # 3451-4602

Medical Hazard Information Services  
1-800-228-5635, Ext. 169

**AMVAC CHEMICAL CORPORATION**  
4100 EAST WASHINGTON BLVD.  
LOS ANGELES, CA 90023 U.S.A.

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