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**Australian Government**

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**Australian Pesticides and  
Veterinary Medicines Authority**

The *Agricultural and Veterinary Chemical Code Act 1994* (the Act) commenced on 15 March 1995. The Agricultural and Veterinary Chemicals Code (the Agvet Code) scheduled to the Act requires notices to be published in the *Gazette* containing details of the registration of agricultural and veterinary chemical products and other approvals granted by the Australian Pesticides and Veterinary Medicines Authority. The Agvet Code and related legislation also requires certain other notices to be published in the *Gazette*. A reference to Agvet Codes in this publication is a reference to the Agvet Code in each state and territory jurisdiction.

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## GENERAL INFORMATION

The *APVMA (Australian Pesticides and Veterinary Medicines Authority) Gazette* is published fortnightly and contains details of the registration of agricultural and veterinary chemicals products and other approvals granted by the APVMA, notices as required by the Agricultural and Veterinary Chemicals Code (the Agvet Code) and related legislation and a range of regulatory material issued by the APVMA.

Pursuant to section 53(1) of the Agvet Code, the APVMA has decided that it is unnecessary to publish details of applications made for the purpose of notifying minor variations to registration details. The APVMA will however report notifications activity in quarterly statistical reports.

## DISTRIBUTION AND SUBSCRIPTION

The *APVMA Gazette* is published in electronic format only and is available from the APVMA website, [www.apvma.gov.au/publications/gazette/](http://www.apvma.gov.au/publications/gazette/).

If you would like to receive email notification when a new edition is published, please subscribe on the APVMA website.

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## Suspension of Product Registrations and Label Approvals for Certain Products Containing Dichlorvos

The APVMA has decided to suspend certain product registrations and label approvals of products containing dichlorvos:

The suspensions are in effect from 1 March 2013 until 3 March 2014.

### REASONS

The reasons for the suspension are:

In March 2011 the APVMA published a report entitled '*The reconsideration of the active constituent dichlorvos, registrations of products containing dichlorvos and approvals of their associated labels*'. This report summarised risk assessments with respect to the environment, public health and occupational safety, and Australian trade with other countries. It also outlined the regulatory decisions of the dichlorvos review. The APVMA found that there was insufficient data for it to be satisfied that there was an adequate level of protection for users of products and occupational exposure, exposures arising from some domestic uses, and residues in some food commodities. The APVMA also found that the safety directions on dichlorvos product labels did not conform to current safety standards and labels did not contain adequate information to protect the environment.

With effect from 1 March 2011, the APVMA cancelled certain label approvals. A default 2 year phase-out interval applied to the continued supply and use of products bearing these cancelled labels.

The APVMA has been working with product registrants and user groups interested in retaining the use of dichlorvos for the purposes of grain protection. Since the publication of the report, the APVMA has conducted a further assessment to ascertain whether dichlorvos could be used by bulk grain handling companies only, with additional safety measures to mitigate risks to workers; any such use would be approved on an interim basis only, while new data are generated to ensure continued use does not have a harmful effect on workers.

As the two year phase-out interval has passed, it is necessary for the APVMA to take further action to ensure that identified risks are appropriately managed through interim use instructions, pending the provision of new studies that may resolve these matters.

The APVMA has formed the view that the use of dichlorvos in certain circumstances may be harmful to human health. As such, the APVMA has decided to suspend product registrations and associated label approvals for each of the products listed below, subject to specific instructions for use, until a new assessment of worker safety risks can be finalised. Registrants affected by these suspensions will be required to generate additional data as a condition of continued use during the suspension period.

**Table 1: Registered products and label approvals containing dichlorvos that have been suspended**

Product no.	Product name	Registrant	Label approval numbers
32939	Insectigas-D DDVP Insecticide	BOC Limited	32939/0600* 32939/0111
48975	David Grays D.D.V.P. 500 Insectide	David Gray & Co Pty Limited	48975/01* 48975/0111

Product no.	Product name	Registrant	Label approval numbers
49203	Divap 1140 Insecticide	United Phosphorus Ltd	49203/0907* 49203/0105* 49203/0604* 49203/01* 49203/0111
49362	Divap 500EC Insecticide	United Phosphorus Ltd	49362/0805* 49362/0300* 49362/01* 49362/0111
53320	Imtrade Dichlorvos 500 Insecticide	Imtrade Australia Pty Ltd	53320/0900* 53320/0111 53320/53226*
55503	Barmac Dichlorvos 500 Insecticide	Barmac Industries Pty Ltd	55503/0402

\* Products labels previously cancelled as an outcome of the review are included in this notice for completeness

## INSTRUCTIONS

Subsections 45A(5) and 55(3) of the Agvet Code cease to apply in respect of the products identified in Table 1.

During the period of suspension, a person may not possess, have custody of, use or deal with any of the products other than in accordance with:

- the instructions set out at the end of this notice, and
- the permits issued by the APVMA for dichlorvos (PER14075 for all products except 32939 and PER14076 for product 32939).

## WARNING

From 1 March 2013 a person may only possess, have custody of, use or otherwise deal with the products identified above in accordance with the relevant permit issued by the APVMA (PER14075 or PER14076) containing the instructions set out at the end of this notice.

The APVMA is liaising with the relevant authorities, who have responsibility to enforce control of use provisions in their jurisdiction, in relation to this matter. Users are expected to comply with these suspension instructions in a timely manner at the first available opportunity.

The APVMA may cancel these permits and issue replacement permits at any time during the suspension period. Before using, supplying or otherwise dealing with products containing dichlorvos, suppliers and users need to be satisfied that the instructions set out at the end of this notice continue to apply, and that their activities are authorised by a permit. Current permits are available at [www.apvma.gov.au/permits/search.php](http://www.apvma.gov.au/permits/search.php).

Failure to comply with the instructions set out at the end of this notice attracts a penalty under section 55(4) of the Agvet Code. The penalty is 300 penalty units (currently \$33,000).

It is also an offence to advertise or promote the use of the products during the period of suspension (other than for the purposes of advising users about the modified instructions for use).

## **INSTRUCTIONS FOR POSSESSING, HAVING CUSTODY OF, USING OR DEALING WITH SUSPENDED PRODUCT, OR PRODUCT CONTAINING THE SUSPENDED LABEL**

### **Possession and custody**

A person may possess, have custody of, use or otherwise deal with the suspended dichlorvos products (bearing a suspended label) only in accordance with these instructions or in either permit PER14075 or PER14076, issued by the APVMA.

### **Supply**

All suppliers must at the time of the supply of a product covered by these instructions provide to the person taking responsibility for the supplied product:

- a copy of the relevant permit in full (currently PER14075 or PER14076) setting out the conditions and instructions for use, and
- supply product with a copy of the instructions contained in the permit securely affixed to each container of product.

### **Use**

Persons who wish to use suspended products containing dichlorvos (as listed above) must read, or have read to them, the instructions included in the relevant APVMA permit. Users who have had the instructions read to them must confirm to the reader that they understand the instructions.

### **READ THESE INSTRUCTIONS before using or otherwise handling the product.**

When using or otherwise handling the product, follow the instructions of the label **except as follows**:

The existing (suspended) label may include instructions for use in situations listed below. The use of dichlorvos is no longer approved for these situations and the following restraints apply:

### **PER14076: INSTRUCTIONS FOR USE OF INSECTIGAS-D DDVP INSECTICIDE/32939**

#### **SITUATIONS FOR USE**

Stored cereal grain facilities, empty grain silos, farm machinery and storage bins:

DO NOT apply manually from within the structure and apply using fixed installations only in cases where entry would be required to apply manually. DO NOT re-enter treated facilities within four days of fumigation.

Greenhouses: DO NOT apply manually. DO NOT enter during treatment. DO NOT use on food producing crops. DO NOT re-enter for 4 hours after treatment.

Factories and Warehouses: DO NOT apply manually. Only apply using fixed installations. DO NOT re-enter during treatment. DO NOT re-enter treated facilities within four days of fumigation.

If re-entry into a treated area is required prior to four days following treatment, workers must wear elbow-length PVC gloves, chemical resistant full-body clothing and a full facepiece respirator with combined dust cartridge (canister)

Ensure all people, animals and aquariums are not exposed during treatment of premises.

#### **PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT**

DO NOT contaminate streams, rivers or waterways with the chemical or used containers or rinsate

## **SAFETY DIRECTIONS**

Poisonous if absorbed by skin contact or inhaled. Repeated minor exposure may have a cumulative poisoning effect. Avoid contact with eyes and skin. Do not inhale spray mist. When connecting or changing cylinders wear elbow-length butyl rubber gloves, overalls and half facepiece respirator with combined dust and gas cartridge (canister). For manual application to air space from outside grain bins, silos and similar storage containers, wear PPE consisting of elbow-length butyl rubber gloves, chemical resistant clothing and full facepiece respirator. If clothing becomes contaminated with product or wet with spray, remove clothing immediately. If product or spray on skin, immediately wash area with soap and water. If product or spray in eyes wash it out immediately with water. After use and before eating, drinking or smoking, wash hands, arms and face thoroughly with soap and water. Wash gloves, respirator and clothing with soap and water after each day's use and if rubber wash with detergent and warm water.

## **FIRST AID INSTRUCTIONS**

If swallowed, splashed on skin or in eyes, or inhaled, contact Poisons Information Centre (Phone Australia 13 11 26) or a doctor at once. Remove any contaminated clothing and wash skin thoroughly. If swallowed, activated charcoal may be advised. Give atropine if instructed.

## **PER14075: INSTRUCTIONS FOR USE FOR ALL PRODUCTS LISTED IN TABLE 1 ABOVE OTHER THAN INSECTIGAS-D DDVP INSECTICIDE/32939**

**For products containing 500 g/L Dichlorvos:**

### **THIS PRODUCT IS TOO HAZARDOUS TO BE USED IN THE HOME GARDEN**

#### **SITUATIONS FOR USE**

EC500 products for control of European wasp nests:

DO NOT apply to exposed areas if rain is expected within 4 hours. DO NOT use in outdoor areas other than for the control of European wasp nests. Prepare emulsion or solution sufficient for immediate use only. DO NOT keep the mixture for more than 12 hours. DO NOT apply under meteorological conditions or from spray equipment that could be expected to cause spray drift onto natural streams, rivers or waterways. Avoid excess spraying causing run-off from treated surfaces into untreated areas. DO NOT allow drainage water from freshly treated areas to contaminate streams, rivers or waterways. Spray mixture into entrance holes of the nest. DO NOT apply to areas other than nest opening.

#### **SAFETY DIRECTIONS FOR CONTROL OF EUROPEAN WASP NESTS:**

Very dangerous. Poisonous if absorbed by skin contact, inhaled or swallowed. Will damage the eyes. Will irritate the nose and throat and skin. Repeated exposure may cause allergic disorders. Repeated minor exposure may have a cumulative poisoning effect. Avoid contact with eyes and skin. Do not inhale vapour or spray mist. When opening the container and preparing spray, and using the prepared spray, wear cotton overalls buttoned to neck and wrist (or equivalent clothing), elbow-length chemical resistant gloves and goggles. If clothing becomes contaminated with product or wet with spray remove clothing immediately. If product on skin, immediately wash area with soap and water. If product in eyes, wash it out immediately with water. After use and before eating, drinking or smoking, wash hands, arms and face thoroughly with soap and water. After each day's use, wash gloves, goggles and contaminated clothing.

#### **GRAIN PROTECTION USES**

Product must be supplied in a container that only allows use of drum valve/dry break coupler closed delivery (mixing/loading) system

When using product for grain protection no individual worker involved in mixing and loading of dichlorvos EC formulations should handle more than 23 kg of dichlorvos per day and no individual worker should be involved in mixing and loading of dichlorvos products for more than 30 days per year

When opening the container and preparing the spray, workers must wear chemical resistant clothing buttoned to the neck and wrist, elbow length PVC gloves and a full facepiece respirator with combined dust and gas cartridge

#### **RE-ENTRY INSTRUCTIONS**

DO NOT allow entry into a treated area for ten hours after treatment. If re-entry into a treated area is required prior to ten hours following treatment, workers must wear chemical resistant clothes, gloves and a half facepiece respirator.

#### **SAFETY DIRECTIONS**

Very dangerous. Poisonous if absorbed by skin contact, inhaled or swallowed. Will irritate the eyes and skin. Repeated exposure may cause allergic disorders. Repeated minor exposure may have a cumulative poisoning effect. Avoid contact with eyes and skin. Do not inhale vapour or spray mist.

When opening the container and preparing the spray, workers must wear chemical resistant clothing buttoned to the neck and wrist, elbow length chemical resistant gloves and a full facepiece respirator with combined dust and gas cartridge.

When using the prepared spray, wear chemical resistant full body clothing, elbow-length chemical resistant gloves, goggles and a half facepiece respirator.

If clothing becomes contaminated with product or wet with spray, remove clothing immediately. If product is on skin, immediately wash area with soap and water. If product in eyes, wash it out immediately with water.

After use and before eating, drinking or smoking, wash hands, arms and face thoroughly with soap and water.

After each day's use, wash gloves, goggles and respirator and if rubber wash with detergent and warm water, and contaminated clothing.

#### **FIRST AID INSTRUCTIONS**

If swallowed, splashed on skin or in eyes, or inhaled, contact a Poisons Information Centre (Phone Australia 131 126) or a doctor at once. Remove any contaminated clothing and wash skin thoroughly. If swallowed, activated charcoal may be advised. Give atropine if instructed.

#### **PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT**

Dangerous to fish. DO NOT contaminate streams, rivers or waterways with the chemical or used containers or rinsate. Spilt grain potentially containing dichlorvos residues should be cleaned up promptly.

#### **WITHHOLDING PERIODS**

**FOR GRAIN TREATED AT 6 parts per million:** DO NOT use treated grain for human consumption (or stockfeed) within 7 days of treatment. DO NOT outturn treated grain within 7 days of treatment

**FOR GRAIN TREATED AT 12 parts per million:** DO NOT use treated grain for human consumption (or stockfeed) within 28 days of treatment. DO NOT outturn treated grain within 28 days

Condition of Supply: The registrant is required to generate worker exposure data to establish a re-entry interval for the product. Worker exposure studies are required to be conducted to determine the levels of exposure resulting from use of the product. The aim of the study is to measure dermal and inhalational exposures from normal use of the product in accordance with permitted instructions. Additional data may be generated to support any alternative instructions for use that the registrant may propose. All potential exposure activities, including connection of product containers, application and clean-up should be monitored.

**For products containing 1140 g/L Dichlorvos:**

**THIS PRODUCT IS TOO HAZARDOUS TO BE USED IN THE HOME GARDEN**

**GRAIN PROTECTION USES**

Product must be supplied in a container that only allows use of drum valve/dry break coupler closed delivery (mixing/loading) system

When using product for grain protection no individual worker involved in mixing and loading of dichlorvos EC formulations should handle more than 23 kg of dichlorvos per day and no individual worker should be involved in mixing and loading of dichlorvos products for more than 30 days per year

When using the EC1140 formulations, where possible, the product should be applied at the lower label rate of 6 grams per tonne of grain (ie., 0.5L of product used per 100 tonne grain)

When opening the container and preparing the spray, workers must wear chemical resistant clothing buttoned to the neck and wrist, elbow length PVC gloves and a full facepiece respirator with combined dust and gas cartridge

**RE-ENTRY INSTRUCTIONS**

DO NOT allow entry into a treated area for ten hours after treatment. If re-entry into a treated area is required prior to ten hours following treatment, workers must wear chemical resistant clothes, gloves and a half facepiece respirator.

**SAFETY DIRECTIONS**

Very dangerous. Poisonous if absorbed by skin contact, inhaled or swallowed. Will irritate the eyes and skin. Repeated exposure may cause allergic disorders. Repeated minor exposure may have a cumulative poisoning effect. Avoid contact with eyes and skin. Do not inhale vapour or spray mist. When preparing product for use and using the prepared spray, wear chemical resistant full body clothing, elbow-length chemical resistant gloves, goggles and a half facepiece respirator. If clothing becomes contaminated with product or wet with spray, remove clothing immediately. If product is on skin, immediately wash area with soap and water. If product in eyes, wash it out immediately with water. After use and before eating, drinking or smoking, wash hands, arms and face thoroughly with soap and water. After each day's use, wash gloves, goggles and respirator and if rubber wash with detergent and warm water, and contaminated clothing.

**FIRST AID INSTRUCTIONS**

If swallowed, splashed on skin or in eyes, or inhaled, contact a Poisons Information Centre (phone Australia 131 126; New Zealand 0800 764 766) or a doctor at once. If product in eyes, wash it out immediately with water. If product on skin, immediately wash area with soap and water. If clothing becomes contaminated with product or wet with spray, remove clothing immediately and wash skin thoroughly.

**PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT**

Dangerous to fish. DO NOT contaminate streams, rivers or waterways with the chemical or used containers or rinsate. Spilt grain potentially containing dichlorvos residues should be cleaned up promptly.

**WITHHOLDING PERIODS**

**FOR GRAIN TREATED AT 6 parts per million:** DO NOT use treated grain for human consumption (or stockfeed) within 7 days of treatment. DO NOT outturn treated grain within 7 days of treatment

**FOR GRAIN TREATED AT 12 parts per million:** DO NOT use treated grain for human consumption (or stockfeed) within 28 days of treatment. DO NOT outturn treated grain within 28 days

Condition of Supply: The registrant is required to generate worker exposure data to establish a re-entry interval for the product. Worker exposure studies are required to be conducted to determine the levels of exposure

resulting from use of the product. The aim of the study is to measure dermal and inhalational exposures from normal use of the product in accordance with permitted instructions. Additional data may be generated to support any alternative instructions for use that the registrant may propose. All potential exposure activities, including connection of product containers, application and clean-up should be monitored.

#### **APVMA CONTACT**

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