

**STORAGE AND DISPOSAL**  
**KEEP OUT OF REACH OF CHILDREN.**

Store in the closed, original container in a cool, dry, well-ventilated area. **DO NOT** store for prolonged periods in direct sunlight. Triple-rinse containers before disposal. Add rinsings to spray tank. **DO NOT** dispose of undiluted chemical on-site. If recycling, replace cap and return clean containers to recycler or designated collection point. If not recycling, break, crush or puncture and deliver empty packaging for appropriate disposal to an approved waste management facility. If an approved waste management facility is not available, bury the empty packaging 500mm below the surface in a disposal pit specifically marked and set up for this purpose clear of waterways, desirable vegetation and tree roots, in compliance with relevant Local, State or Territory government regulations. **DO NOT** burn empty containers or product.

**SAFETY DIRECTIONS**

Will irritate the eyes. May irritate the nose, throat and skin. Avoid contact with eyes and skin. Avoid inhaling dust. When opening the container and preparing spray, wear cotton overalls buttoned to the neck and wrist (or equivalent clothing), elbow-length chemical resistant gloves and face shield or goggles. If dust is present, wear a disposable dust face mask covering mouth and nose. If product in eyes, wash it out immediately with water. Wash hands after use. After each day's use, wash gloves, face shield or goggles and contaminated clothing.

**FIRST AID**

First aid is not generally required. In doubt, contact a Poisons Information Centre (Phone Australia 13 11 26; New Zealand 0800 764 766) or a doctor.

Refer to attached Leaflet for additional GHS Hazard & Precautionary Statements.

**SAFETY DATA SHEET**

Additional information is listed in Safety Data Sheet, which can be obtained from your supplier or Imtrade CropScience website at [www.imtrade.com.au](http://www.imtrade.com.au)

**CONDITIONS OF SALE**

Imtrade CropScience shall not be liable for any loss, injury, damage or death whether consequential or otherwise whatsoever or howsoever arising whether through negligence or otherwise in connection with the sale supply use or application of this product. The supply of this product is on the express condition that the purchaser does not rely on Imtrade's skill or judgment in purchasing or using the same and every person dealing with this product does so at his own risk absolutely. No representative of Imtrade CropScience has any authority to add to or alter these conditions.

JIGSAW® is a Registered Trademark of Imtrade Australia Pty Ltd

READ SAFETY DIRECTIONS BEFORE OPENING OR USING

IMTRADE  
**JIGSAW**®  
800 WG FUNGICIDE

ACTIVE CONSTITUENT: 800g/kg FENHEXAMID

GROUP **17** FUNGICIDE

For the control of Bunch Rot on Grapevines, Chocolate Spot on Snow Peas and Sugar Snap Peas, Grey Mould on Strawberries, Peppers, Cucumber, Lettuce (Head and Leafy), Rubus and Rubus hybrids, Snow Peas, Sugar Snap Peas and Tree Nursery Stock as specified in the Directions for Use Table.

**IMPORTANT: Read the attached Leaflet before use.**

FORM  
**WG**

CONTENTS  
**1kg-10kg**



Batch No.  
DOM:

<b>UN</b> <b>3077</b>	ENVIRONMENTALLY HAZARDOUS SUBSTANCES, SOLID, N.O.S. (contains FENHEXAMID)
	In a Transport Emergency Dial 000 Police or Fire Brigade
PG III	HAZCHEM 2Z

APVMA Approval No: 93953/141051



**IMTRADE**  
CropScience

17 Ocean St, Kwinana Beach WA 6167  
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**IMPORTANT: READ THIS LEAFLET THOROUGHLY  
BEFORE OPENING OR USING THIS PRODUCT**

**APVMA APPROVAL No: 93953/141051**

Imtrade Australia Pty Ltd  
ABN 13 090 151 134  
17 Ocean Street, Kwinana, Western Australia 6167  
Tel: (08) 9419 0333 Fax: (08) 9419 7516  
Web: [www.imtrade.com.au](http://www.imtrade.com.au)

**RESTRAINTS:**

**DO NOT** apply by aircraft.

**SPRAY DRIFT RESTRAINTS**

Specific definitions for terms used in this section of the label can be found at [www.apvma.gov.au/spraydrift](http://www.apvma.gov.au/spraydrift)

**DO NOT** allow **bystanders** to come into contact with the spray cloud.

**DO NOT** apply in a manner that may cause an unacceptable impact to native vegetation, agricultural crops, landscaped gardens and **aquaculture production**, or cause contamination of plant or livestock commodities, outside the application site from **spray drift**. Wherever possible, correctly use application equipment designed to reduce spray drift and apply when the wind direction is away from these sensitive areas.

**DO NOT** apply unless the **wind speed** is between 3 and 20 kilometres per hour at the **application site** during the time of application.

**DO NOT** apply if there are **hazardous surface temperature inversion** conditions present at the **application site** during the time of application. **Surface temperature inversion conditions** exist most evenings one to two hours before sunset and persist until one to two hours after sunrise.

**DIRECTIONS FOR USE:**

CROP	PEST	RATE	CRITICAL COMMENTS
Grapevines	Bunch Rot ( <i>Botrytis cinerea</i> )	<b>Dilute Spraying</b> 64g/100L  <b>Concentrate Spraying</b> Refer to the <b>Application</b> section	Apply as part of a Bunch Rot spray program: <b>3 spray program:</b> apply JIGSAW® 800 WG once only. <b>4 spray program:</b> apply only 2 sprays of JIGSAW® 800 WG.  Apply by dilute or concentrate spraying equipment. Apply the same total amount of product to the target crop whether applying this product by Dilute or Concentrate spraying methods. <b>DO NOT</b> use in equipment that requires rates greater than 500 mL/100L of water (5X). <b>DO NOT</b> apply in volumes less than 250L/ha.

CROP	PEST	RATE	CRITICAL COMMENTS
<b>Strawberries</b>	Grey Mould ( <i>Botrytis cinerea</i> )	627g/ha  Use where spray volume is less than 1000L/ha. <b>DO NOT</b> apply volumes less than 500L/ha	Reduce background levels of disease by removing plant debris and rotted fruit. If conditions favour Grey Mould development, apply JIGSAW® 800 WG at 7 to 10 day intervals.  <b>DO NOT</b> apply more than 2 successive sprays of JIGSAW® 800 WG before switching to a fungicide of a different group.
		64g/100L  Use where spray volume exceeds 1000L/ha	
<b>Peppers (including Capsicum and Chilli), Cucumber and Lettuce (Head and Leafy)</b>  Protected and Field Cropping situations	Grey Mould or Botrytis Rot ( <i>Botrytis cinerea</i> )	627g/ha or 64g/100L	Apply prior to or at the onset of disease. Apply using a knapsack or boomspray in a spray volume of 500-1500L/ha. Add non-ionic surfactant at recommended rates. A second application can be made after 7-10 days.  <b>DO NOT</b> apply more than two (2) applications per crop.  Follow a complete disease management program for Botrytis by rotating with fungicides from unrelated chemical groups as per the CropLife fungicide resistance management guidelines.  The sensitivity of some crops to be treated has not been fully evaluated. Treat a small number of plants to ascertain their reaction before treating the whole crop.

CROP	PEST	RATE	CRITICAL COMMENTS
<p><b>Rubus and Rubus hybrids:</b></p> <p><b>Dewberries (including Boysenberries, Loganberries), Blackberries, Raspberries, Cloudberrries and Youngberries</b></p> <p>Protected and Field Cropping situations</p>	<p>Grey Mould (<i>Botrytis cinerea</i>)</p>	<p>64g/100L</p>	<p>Reduce background levels of disease by removing plant debris and rotted fruit.</p> <p>Apply at first signs of infection or at white bud.</p> <p><b>DO NOT</b> exceed a maximum of four (4) applications per crop per season with not more than two (2) applications sequentially before using another fungicide from a different chemical group.</p> <p>Allow a minimum re-treatment interval of 7-10 days between consecutive applications.</p> <p>Apply using airblast, knapsack or equivalent.</p> <p><b>DO NOT</b> apply in less than 500L/ha of spray volume. Spray volume should be adequate to ensure good coverage of all plant surfaces.</p>
<p><b>Snow Peas and Sugar Snap Peas</b></p> <p>Protected and Field Cropping situations</p>	<p>Grey Mould (<i>Botrytis cinerea</i>), Chocolate Spot (<i>Botrytis fabae</i>)</p>	<p>627g/ha where spray volume is less than 1000L/ha or 64g/100L where spray volume exceeds 1000L/ha plus a non-ionic surfactant (e.g. Agral Spray Adjuvant) at 10mL/100L</p>	<p>Apply as a protective treatment when conditions (i.e. cool and humid weather) are conducive to disease development.</p> <p>Apply in a spray volume of 500-1500L/ha, ensuring thorough coverage of all foliage.</p> <p><b>DO NOT</b> apply more than two (2) applications per crop, with a minimum re-treatment interval of 7-10 days.</p> <p>The sensitivity of some cultivars/varieties of Snow Peas and Sugar Snap Peas to be treated has not been fully evaluated. Treat a small area of crop to ascertain the reaction of host plants before treating a larger crop or the whole crop.</p>

CROP	PEST	RATE	CRITICAL COMMENTS
Tree Nursery Stock	Grey Mould ( <i>Botrytis</i> spp.)	627g/ha	<p>Apply a foliar cover spray using boom sprayer or equivalent.</p> <p>Apply in a spray volume of 500-1000L/ha.</p> <p><b>DO NOT</b> apply more than six (6) applications per year with a minimum re-treatment interval of 7-10 days between applications.</p> <p>To avoid resistance build-up, Fenhexamid based products must be rotated with other approved products with different Mode of Action (MoA).</p> <p>The sensitivity of some species and varieties of the tree to be treated has not been fully evaluated. It is advisable, therefore, to only treat a small number of plants to ascertain their reaction before treating the whole crop.</p>

**NOT TO BE USED FOR ANY PURPOSE, OR IN ANY MANNER, CONTRARY TO THIS LABEL UNLESS AUTHORISED UNDER APPROPRIATE LEGISLATION.**

#### **WITHHOLDING PERIODS**

##### **Harvest**

*Peppers, Rubus and Rubus hybrids: Dewberries (including Boysenberries, Loganberries), Blackberries, Raspberries, Cloudberries and Youngberries: DO NOT HARVEST FOR 1 DAY AFTER APPLICATION.*

*Cucumber, Lettuce, Snow Peas and Sugar Snap Peas: DO NOT HARVEST FOR 3 DAYS AFTER APPLICATION.*

*Grapes (for domestic consumption): DO NOT HARVEST FOR 21 DAYS AFTER APPLICATION.*

*Grapes (for produce intended for export): CONSULT YOUR WINERY, INDUSTRY SPRAY DIARY OR PEAK INDUSTRY BODY FOR THE RECOMMENDED WITHHOLDING PERIOD.*

*Strawberries: NOT REQUIRED WHEN USED AS DIRECTED.*

## **Grazing**

***Snow Peas and Sugar Snap Peas:* DO NOT GRAZE OR CUT FOR STOCK FOOD FOR 3 DAYS AFTER APPLICATION.**

***Grapevines:* DO NOT ALLOW LIVESTOCK TO GRAZE VINEYARDS FOR 14 DAYS AFTER APPLICATION.**

## **EXPORT OF TREATED PRODUCT**

Growers should note that maximum residue limits (MRLs) or import tolerances may not exist in all markets for edible produce treated with JIGSAW® 800 WG. If you are growing edible produce for export, please check with Imtrade CropScience for the latest information on MRLs and import tolerances before using JIGSAW® 800 WG.

## **GENERAL INSTRUCTIONS**

### **MIXING**

Prior to pouring, shake container vigorously, then add the required quantity of JIGSAW® 800 WG to water in the spray vat while stirring or with agitators in motion.

### **APPLICATION**

#### ***Dilute Spraying (Grapevines)***

- Use a sprayer designed to apply high volumes of water up to the point of run-off and matched to the crop being sprayed.
- Set up and operate the sprayer to achieve even coverage throughout the crop canopy. Apply sufficient water to cover the crop to the point of run-off. Avoid excessive run-off.
- The required water volume may be determined by applying different test volumes, using different settings on the sprayer, from industry guidelines or expert advice.
- Add the amount of product specified in the Directions for Use table for each 100L of water. Spray to the point of run-off.
- The required dilute spray volume will change and the sprayer set up and operation may also need to be changed, as the crop grows.

### **Concentrate Spraying (Grapevines)**

- Use a sprayer designed and set up for concentrate spraying (that is a sprayer which applies water volumes less than those required to reach the point of run-off) and matched to the crop being sprayed.
- Set up and operate the sprayer to achieve even coverage throughout the crop canopy using your chosen water volume.
- Determine an appropriate dilute spray volume (See Dilute Spraying above) for the crop canopy. This is needed to calculate the concentrate mixing rate.
- The mixing rate for concentrate spraying can then be calculated in the following way:

#### **EXAMPLE ONLY**

1. Dilute spray volume as determined above: For example 1500L/ha
  2. Your chosen concentrate spray volume: For example 500L/ha
  3. The concentration factor in this example is:  $3 \times$  (i.e.  $1500L \div 500L = 3$ )
  4. If the dilute label rate is 100 mL/100L, then the concentrate rate becomes  $3 \times 100$ , that is 300 mL/100L of concentrate spray.
- The chosen spray volume, amount of product per 100L of water, and the sprayer set up and operation may need to be changed as the crop grows.
  - **DO NOT** use a concentrate rate higher than that specified in the **CRITICAL COMMENTS**.
  - For further information on concentrate spraying, users are advised to consult relevant industry guidelines, undertake appropriate competency training and follow industry Best Practices.

### **COMPATIBILITY**

As formulations of other manufacturers' products are beyond the control of Imtrade CropScience all mixtures should be tested prior to mixing commercial quantities. **DO NOT** mix concentrates together but add each to the spray tank separately. Follow any regional restrictions and all directions and restrictions on the label, of any chemical mixed with JIGSAW® 800 WG.

Mixing Guidelines are available from our website at [www.imtrade.com.au](http://www.imtrade.com.au)

As changes in climatic conditions can alter the sensitivity of plants to mixtures of sprays, Imtrade CropScience cannot be responsible for the behavior of such mixtures.



## FUNGICIDE RESISTANCE WARNING

### GROUP **17** HERBICIDE

JIGSAW® 800 WG is a member of the keto reductase inhibitors (KRI) group of fungicides. For fungicide resistance management, JIGSAW® 800 WG is a Group **17** Fungicide. Some naturally occurring individual fungi resistant to JIGSAW® 800 WG and other Group **17** Fungicides may exist through normal genetic variability in any fungal population. The resistant individuals can eventually dominate the fungal population if JIGSAW® 800 WG and other Group **17** Fungicides are used repeatedly. These resistant fungi will not be controlled by JIGSAW® 800 WG and other Group **17** Fungicides, thus resulting in a reduction in efficacy and possible yield loss.

Since the occurrence of resistant fungi is difficult to detect prior to use, Imtrade CropScience accepts no liability for any losses that may result from the failure of JIGSAW® 800 WG to control resistant fungi.

#### **Resistance Management Strategy – Grapes**

**DO NOT** apply JIGSAW® 800 WG more than once if a 3 Bunch Rot spray program is intended. If a 4 or more Bunch Rot spray program is to be undertaken, **DO NOT** apply more than 2 sprays of JIGSAW® 800 WG.

#### **Resistance Management Strategy – Strawberries**

**DO NOT** apply more than two successive sprays of JIGSAW® 800 WG before changing to a fungicide from a different group.

#### **PRECAUTION**

##### **Re-entry Period**

**DO NOT** enter treated crops until the spray has dried.

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

**DO NOT** contaminate streams, rivers or watercourses with the chemical or used container.

**DO NOT** spray across open bodies of water.

## **STORAGE AND DISPOSAL**

### **KEEP OUT OF REACH OF CHILDREN.**

Store in the closed, original container in a cool, dry, well-ventilated area. **DO NOT** store for prolonged periods in direct sunlight. Triple-rinse containers before disposal. Add rinsings to spray tank. **DO NOT** dispose of undiluted chemical on-site. If recycling, replace cap and return clean containers to recycler or designated collection point. If not recycling, break, crush or puncture and deliver empty packaging for appropriate disposal to an approved waste management facility. If an approved waste management facility is not available, bury the empty packaging 500mm below the surface in a disposal pit specifically marked and set up for this purpose clear of waterways, desirable vegetation and tree roots, in compliance with relevant Local, State or Territory government regulations. **DO NOT** burn empty containers or product.

## **SAFETY DIRECTIONS**

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## **FIRST AID**

First aid is not generally required. If in doubt, contact a Poisons Information Centre (*Phone Australia 13 11 26; New Zealand 0800 764 766*) or a doctor.

### **Additional GHS Hazard & Precautionary Statements**

- Toxic to aquatic life with long-lasting effects; •**DO NOT** get on clothing; •Brush off loose particles from skin; •**IF SWALLOWED:** Rinse mouth. Do **NOT** induce vomiting;
- Collect spillage; •In case of fire, use carbon dioxide, dry chemical, foam. Water fog or fine spray is the preferred firefighting medium for large fires.

## **SAFETY DATA SHEET**

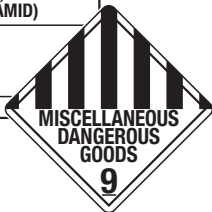
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## CONDITIONS OF SALE

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<b>UN 3077</b>	<b>ENVIRONMENTALLY HAZARDOUS SUBSTANCES, SOLID, N.O.S. (contains FENHEXAMID)</b>
<b>IN A TRANSPORT EMERGENCY, DIAL 000 POLICE OR FIRE BRIGADE</b>	
<b>PG III</b>	<b>HAZCHEM 2Z</b>



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