

# WELLFARM IMIDACLOPRID 350 SC INSECTICIDE

**APVMA Product No:** 70263**Poison Schedule:** 6**Emergency Telephone Number:**

The Australian Poisons Information Centre: Dial 13 11 26 (from anywhere in Australia)

Specialist Advice In An Emergency Only 1800 033 111 All Hours Australia Wide

In A Transport Emergency Dial 000 Police Or Fire Brigade

**1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER**

**Company:** Wellfarm Pty Ltd  
**Website:** www.wellfarm.com.au  
**Email:** info@wellfarm.com.au  
**Postal Address:** 22 Calypso Crescent, Point Cook, Vic 3030

**Product Name:** WELLFARM IMIDACLOPRID 350 SC INSECTICIDE  
**Product Type:** Group 4A Insecticide  
**Formulation Type:** Suspension Concentrate  
**Product Use:** For the control of various insect pests of cotton, fruit, vegetables and ornamentals as a foliar spray and a soil applied treatment for the control of greyback and Childers canegrub in sugarcane and silverleaf whitefly in various vegetable crops as specified in the Directions for Use table on the label.

**2. COMPOSITION/INFORMATION ON INGREDIENTS**

<b>Ingredient</b>	<b>CAS Number</b>	<b>Proportion</b>
Imidacloprid	138261-41-3	350 g/L
Glycerine	56-81-5	10-30%
Other ingredients (considered non-hazardous)		0-10%
Water		Blance

**3. HAZARDS IDENTIFICATION****HAZARDOUS SUBSTANCE. NONE DANGEROUS GOODS.**

**Hazards Classification** Classified as hazardous  
HAZARDOUS SUBSTANCE.  
NON-DANGEROUS GOODS.  
Hazard classification according to the criteria of NOHSC.  
Dangerous goods classification according to the Australia Dangerous Goods Code.

**Risk Phrases** Classified as hazardous  
R22 Harmful if swallowed.

**Safety Phrases** S13 Keep away from food, drink and animal feeding stuffs.  
S2 Keep out of reach of children.  
S36 Wear suitable protective clothing.

# MATERIAL SAFETY DATA SHEET

S46 If swallowed, seek medical advice immediately and show this container or label.

## Other Information

Poisons Schedule S6

### 4. FIRST AID MEASURES

<b>Inhalation</b>	If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Seek medical attention if symptoms persist.
<b>Ingestion</b>	If swallowed, do not induce vomiting. Never give anything by mouth to an unconscious person. Seek immediate medical attention.
<b>Skin</b>	Remove contaminated clothing and wash affected area thoroughly with soap and water. If irritation persists seek medical attention. Launder protective clothing before storage or re-use.
<b>Eyes</b>	If in eyes, hold eyelids open and wash with copious amounts of water for at least 15 minutes. Seek medical attention if symptoms persist.
<b>Note for Physicians</b>	As this product contains a hydrocarbon liquid, care should be taken to prevent pulmonary aspiration. Small amounts of liquid aspirated into the respiratory system during ingestion or from vomiting may
<b>First Aid Facilities</b>	If poisoning occurs, contact a doctor or the Poisons Information Centre (Australia) on 13 11 26.
<b>Advice to Doctor</b>	Treat symptomatically. Has a nicotine like effect. Check blood pressure and pulse rate frequently, as bradycardia and hypotonia are possible. Provide supportive measures for respiratory function and cardiac action. Give artificial respiration if signs of paralysis appear. Additional therapeutic measures involve elimination of the substance from the body or acceleration of its excretion (gastric lavage, saline laxatives, activated charcoal). Contra-indications: Absorption promoting agents such as alcoholic beverages and milk.

### 5. FIRE-FIGHTING MEASURES

<b>Suitable Extinguishing Media</b>	Water fog, foam, carbon dioxide or dry chemical.
<b>Hazardous Combustion Products</b>	May emit toxic fumes of hydrogen chloride, hydrogen cyanide, carbon monoxide and nitrogen oxides if involved in fires or exposed to extreme heat.
<b>Special Protective Equipment for fire fighters</b>	Breathable air apparatus should be worn when fighting a fire in which this product is involved.
<b>Specific Hazards</b>	Considered low risk due to water content, however upon evaporation of water the product is combustible.
<b>Other Information</b>	STOP FIRE WATER FROM ENTERING DRAINS OR WATER BODIES

### 6. ACCIDENTAL RELEASE MEASURES

<b>Spills &amp; Disposal</b>	Contain spill and absorb with clay, sand, soil or proprietary absorbent (such as vermiculite). Collect spilled material and waste in sealable open-top type containers for disposal.
<b>Personal Protection</b>	For appropriate personal protective equipment (PPE), refer Section 8.

# MATERIAL SAFETY DATA SHEET

## 7. HANDLING AND STORAGE

<b>Conditions for Safe Storage</b>	Store in the closed, original container in a cool, well ventilated area. Do not store for prolonged periods in direct sunlight.
<b>Other Information</b>	Always read the label and any attached leaflet before use.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

<b>National Exposure Standards</b>	NOHSC has set the following exposure standard for glycerine : TLV (TWA) 10 mg/m <sup>3</sup> , STEL -.
<b>Engineering Controls</b>	Handle in well ventilated areas, generally natural ventilation is adequate.
<b>Personal Protective Equipment</b>	When opening the container, preparing spray and using the prepared spray wear cotton overalls buttoned to the neck and wrist and a washable hat, elbow-length PVC gloves and face shield or goggles.
<b>Hygiene Measures</b>	After use and before eating, drinking or smoking, wash hands, arms and face thoroughly with soap and water. After each day's use, wash contaminated clothing and safety equipment.
<b>Requirements Concerning Special Training</b>	Check State or Territory regulations that require people who use pesticides in their job or business to have training in the application of the materials.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Form</b>	Liquid
<b>Appearance</b>	Beige liquid suspension
<b>Solubility in water</b>	Disperses in water
<b>Specific Gravity</b>	1.16
<b>pH Value</b>	6.5-7.5 in a 1% solution
<b>Vapour Pressure</b>	9 x 10 <sup>-7</sup> mPa @ 25°C (imidacloprid)
<b>Octanol/Water Partition Coefficient</b>	Kow Log P is 0.57 @ 21°C (imidacloprid)
<b>Flammability</b>	Not flammable

## 10. STABILITY AND REACTIVITY

<b>Chemical Stability</b>	Stable under normal conditions.
<b>Hazardous Reactions</b>	Keep away from strong oxidising agents.
<b>Hazardous Polymerization</b>	Hazardous polymerisation is not possible.

## 11. TOXICOLOGICAL INFORMATION

<b>Inhalation</b>	Inhalation of sprays or mists may result in effects described under ingestion.
<b>Ingestion</b>	Swallowing large quantities may cause vomiting, diarrhoea, abdominal pain, lethargy, depressed muscular tone, muscular cramps, respiratory disturbances and trembling.
<b>Skin</b>	May irritate the skin.
<b>Eye</b>	May irritate the eyes.
<b>Chronic Effects</b>	Based on available data, repeated exposures are not anticipated to cause additional significant adverse effects.
<b>Acute Toxicity - Oral</b>	LD <sub>50</sub> (rat) 450 mg/kg for imidacloprid
<b>Acute Toxicity – Dermal</b>	LD <sub>50</sub> (rat) >5000 mg/kg for imidacloprid
<b>Acute Toxicity – Inhalation</b>	LC <sub>50</sub> (rat) (4hr) >5.33 mg/l for imidacloprid
<b>Eye Irritation</b>	Mild eye irritant
<b>Skin Irritation</b>	Mild skin irritant.
<b>Other Information</b>	The Australian Acceptable Daily Intake (ADI) for imidacloprid for a

# MATERIAL SAFETY DATA SHEET

human is 0.06 mg/kg/day, set for the public for daily, lifetime exposure. This is based on the NOEL of 6 mg/kg/day, the level determined to show no effects during long term exposure for the most sensitive indicators and the most sensitive species. (Ref: Comm. Dept. of Health and Ageing Office of Chemical Safety, 'ADI List', December 2008).

## 12. ECOLOGICAL INFORMATION

<b>Other Precautions</b>	Do not contaminate dams, waterways or sewers with this product or the containers which have held this product. Avoid run-off within 48 hours of application. Should not be applied while bees are actively foraging.
<b>Environ. Protection</b>	Spray drift should be avoided, read the label for more information.
<b>Acute Toxicity - Fish</b>	The following is data for the active ingredient, imidacloprid. LC50 (96hr) for rainbow trout is 211 mg/l.
<b>Acute Toxicity - Daphnia</b>	LC50 (48hr) for daphnia magna is 85 mg/l.
<b>Acute Toxicity - Algae</b>	EC50 (48hr) for pseudokirchneriella subcapita >100 mg/l.
<b>Acute Toxicity - Other Organisms</b>	LD50 for japanese quail is 31 mg/kg LD50 for bobwhite quail is 152 mg/kg Harmful to bees by direct contact.

## 13. DISPOSAL CONSIDERATIONS

<b>Product Disposal</b>	On site disposal of the concentrated product is not acceptable. Ideally, the product should be used for its intended purpose. If there is a need to dispose of the product, approach local authorities who hold periodic collections of unwanted chemicals (ChemClear®).
<b>Container Disposal</b>	Do not use this container for any other purpose. Triple rinse containers, add rinsate to the spray tank, then offer the container for recycling/reconditioning, or puncture top, sides and bottom and dispose of in landfill in accordance with local regulations. drumMUSTER is the national program for the collection and recycling of empty, cleaned, non returnable crop production and on-farm animal health chemical containers. If the label on your container carries the drumMUSTER symbol, triple rinse the container, ring your local Council, and offer the container for collection in the program. If no landfill is available, bury the containers below 500mm in a disposal pit specifically marked and set up for this purpose clear of waterways, desirable vegetation and tree roots. Empty containers and product should not be burnt.

## 14. TRANSPORT INFORMATION

<b>Storage and Transport</b>	Considered non dangerous for transport by the Australian Code for the Transport of Dangerous Goods by Road and Rail. For bulk shipments as Class 9, use UN 3082, HazChem code 2Z.
<b>UN Number (Sea Transport)</b>	3082
<b>IMO Class/Packing Group</b>	Class 9, Packing Group III
<b>IMO Proper Shipping Name</b>	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (contains imidacloprid)

## 15. REGULATORY INFORMATION

<b>Poisons Schedule</b>	<b>S6</b>
<b>Packaging &amp; Labeling</b>	POISON

# MATERIAL SAFETY DATA SHEET

**Hazard Category**  
**AICS (Australia)**

KEEP OUT OF REACH OF CHILDREN  
READ SAFETY DIRECTIONS BEFORE OPENING  
OR USING  
Harmful  
All of the components in this product are listed on the  
Australian Inventory of Chemical Substances.

## 16. OTHER INFORMATION

All information contained in this document is as accurate as possible based on information submitted by raw material suppliers. Wellfarm Pty Ltd will NOT be responsible for any damages that may result from reliance on the information contained herein.

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