

WELLFARM IMIDACLOPRID 600 SC SEED DRESSING INSECTICIDE

APVMA Product No: 70293**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 600 SC SEED DRESSING INSECTICIDE
Product Type: Group 4A Insecticide
Formulation Type: Suspension Concentrate
Product Use: Agricultural Insecticide

2. COMPOSITION/INFORMATION ON INGREDIENTS

| Ingredient (common name) | CAS Number | Proportion |
|--|-------------|------------|
| Imidacloprid | 138261-41-3 | 600g/L |
| Glycerin | 56-81-5 | 0-10% |
| Other ingredients deemed not to be hazardous | Proprietary | Balance |

3. HAZARDS IDENTIFICATION

HAZARDOUS SUBSTANCE. NON DANGEROUS GOODS.

Classified as hazardous according to the criteria of Safe Work Australia

Hazards Xn – Harmful

Risk Phrases R22 - Harmful if swallowed.

Safety Phrases S20 - When using do not eat or drink.
S24/25 - Avoid contact with skin and eyes.
S36 - Wear suitable protective clothing.

4. FIRST AID MEASURES

Inhalation If inhaled remove victim to fresh air. Remove contaminated clothing and loosen remaining clothing. Allow patient to assume most comfortable position and keep warm. Seek medical attention if symptoms persist.

Ingestion Never give anything by mouth to an unconscious person.

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| | If swallowed, do not induce vomiting. Prevent vomit from entering the lungs. Immediately rinse mouth with water and then drink plenty of water. Seek immediate medical attention. |
| Skin | If skin or hair contact occurs, immediately remove contaminated clothing and wash skin and hair thoroughly. Seek medical attention if symptoms persist. |
| Eyes | If in eyes, hold eyelids apart and flush the eye continuously with large amounts of water for at least 15 minutes. Seek medical attention. |

5. FIRE-FIGHTING MEASURES

For major fires call the Fire Brigade. Ensure that an escape path is available from any fire.

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| Suitable Extinguishing Media | Carbon dioxide, dry chemical, foam and water fog. |
| Hazardous Combustion Products | Carbon dioxide, and if combustion is incomplete, carbon monoxide and smoke, nitrogen and its compounds, hydrogen chloride gas and other compounds of chlorine. |
| Firefighting Equipment | Wear Safe Work Australia approved self-contained breathing apparatus and full protective clothing. |
| Unusual Fire or Explosion Hazards | There is no risk of an explosion from this product under normal circumstances if it is involved in a fire. Violent steam generation or eruption may occur upon application of direct water stream on hot liquids. Vapours from this product are heavier than air and may accumulate in sumps, pits and other low-lying spaces, forming potentially explosive mixtures. They may also flash back considerable distances. The product is combustible upon evaporation of water. C1 – Combustible liquid. |
| Hazchem Code | 3Z |

6. ACCIDENTAL RELEASE MEASURES

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| Spills | In the event of a major spill, prevent spillage from entering drains or water courses. Prevent fire water from entering drains or water courses. Wear full protective clothing including eye/face protection. Stop leak if safe to do so, and contain spill. Absorb onto clay, sand, vermiculite or other inert absorbent material. Sweep up and shovel or collect recoverable product into labelled open top containers for recycling and dispose of promptly. Final clean-up with degreasing agent or detergent is advised. |
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7. HANDLING AND STORAGE

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| Handling | Exercise normal care in handling. Avoid unnecessary skin and eye contact and inhalation. |
| Storage | Store in the closed, original container in a dry well ventilated area. . Do not store for prolonged periods in direct sunlight. Keep container tightly sealed and do not store with incompatible substances. |

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

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| Exposure Standards (Safe Work Australia) | Glycerin (mist): TWA: -ppm /10mg/m3 |
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| Engineering Controls | STEL: - ppm / - mg/m ³ Use local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. Controls should be sufficient so that applicable occupational exposure limits are not exceeded. |
| Respiratory Protection | Usually, no respirator is necessary when using this product. Avoid working in and breathing spray mist. See Australian Standards AS/NZS 1715 and 1716 for more information. |
| Eye Protection | Protective glasses or goggles and face shield. |
| Skin Protection | Impervious elbow-length gloves, cotton overalls and washable hat. |
| Hygienic Practices | Food, beverages and tobacco products should not be stored or consumed where this material is in use. Always wash hands before smoking, eating, drinking or using the toilet. Wash contaminated clothing and other protective equipment before storage or re-use. Provide eyewash fountains and safety showers in close proximity to points of potential exposure. |

9. PHYSICAL AND CHEMICAL PROPERTIES

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| Appearance | White to slightly beige liquid suspension |
| Odour | Mild, characteristic odour |
| Solubility in water | Miscible |
| Boiling Point | No information available |
| Melting Range | No information available |
| Vapour Pressure | No information available. |
| Vapour Density (Air = 1) | No information available. |
| Specific Gravity(@20°C) | 1.10 |
| Volatility (% by weight) | No information available. |
| Flash Point | >93.4°C |
| Flammable Limit – Lower | No information available. |
| Flammable Limit – Upper | No information available. |
| Autoignition | No information available. |

10. STABILITY AND REACTIVITY

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| Chemical Stability | Stable under normal storage conditions. |
| Incompatible Materials | Strong acids, strong bases and strong oxidising agents. |
| Hazardous Decomposition products | Carbon dioxide, and if combustion is incomplete, carbon monoxide and smoke, nitrogen and its compounds, hydrogen chloride gas and other compounds of chlorine. |
| Hazardous Polymerization Conditions to Avoid | Will not occur. Direct sunlight. |

11. TOXICOLOGICAL INFORMATION

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| Toxicity | Reproductive Effects: A three generation reproduction study in rats fed up to 700 ppm imidacloprid resulted in a NOEL of 100 ppm (equivalent to 8 mg/kg/day) based on decreased pup body weight observed at the 250 ppm dose level. Teratogenic Effects: Imidacloprid exposure is unlikely to be teratogenic in humans at expected exposure levels. Mutagenic Effects: Imidacloprid may be weakly mutagenic. Carcinogenic Effects: Imidacloprid is considered to be of minimal carcinogenic risk. |
| Routes of Exposure | Inhalation, ingestion, eye and skin |

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| Acute Health Effects | Inhalation: | Harmful if inhaled. May cause irritation to upper respiratory tract. |
| | Ingestion: | Harmful if ingested. Swallowing large quantities may cause abdominal pain, nausea, vomiting and diarrhoea. |
| | Eye: | Can cause eye irritation |
| Effects of Overexposure | Skin: | Can cause eye irritation |
| | Repeated or prolonged contact with the concentrate may cause irritant contact dermatitis. | |
| Existing Conditions Aggravated by Exposure | No information available. | |
| Carcinogenicity | This product does NOT contain any IARC listed chemicals. | |

12. ECOLOGICAL INFORMATION

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| Ecotoxicity | Birds: Imidacloprid is toxic to upland game birds. Oral LD50 (Japanese quail) =31mg/kg Oral LD50 (Bob-white quail) =152mg/kg |
| | Aquatic Organisms: The toxicity of imidacloprid to fish is moderately low. LC50 96hr (Rainbow trout) = 211mg/L LC50 96hr (Carp) = 280mg/L EC50 48hr (Daphnia) = 85mg/L Imidacloprid is highly toxic to bees if used as a foliar application, especially during flowering, but is not considered a hazard to bees when used as a seed treatment. |
| Mobility | Environmental Fate: This product is biodegradable. It will not accumulate in the soil or water or cause long term problems. |
| | The half-life of imidacloprid in soil is 48-190 days, depending on the amount of ground cover (it breaks down faster in soils with plant ground cover than in fallow soils). |

13. DISPOSAL CONSIDERATIONS

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| Disposal methods and containers | Instructions concerning the disposal of this product and its containers are given on the product label. Dispose according to applicable local and state government regulations. |
| Special precautions for landfill or incineration | Please consult your state Land Waste Management Authority for more information. |

14. TRANSPORT INFORMATION

Considered non dangerous for road and rail transport (in packaging, including IBCs not greater than 3000 L each) by the Australian Code for the Transport of Dangerous Goods by Road and Rail - ADG7
For bulk shipments see below.

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| UN Number | 3082 |
| Proper Shipping Name | ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.(contains imidacloprid) |
| Dangerous Goods Class | 9 |
| Subsidiary Risk | Not applicable |
| Hazchem Code | 3Z |
| Packing Group | III |
| Special Provisions | 179, 274, 331, 335, AU01 |

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| Limited Quantities | 5L |
| Packagings & IBCs – Packing instruction | P001, IBC03, LP01 |
| Packaging & IBCs – Special Packing Provisions | PP1 |
| Portable Tanks & Bulk Containers – Instructions | T4 |
| Portable Tanks & Bulk Containers – Special Provisions | TP1,TP29 |

15. REGULATORY INFORMATION

Imidacloprid and glycerin are listed in the Australian Inventory of Chemical Substances (AICS).
SUSDP Classification: S6

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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