

WELLFARM IMAZETHAPYR 700 WG HERBICIDE

APVMA Product No: 70234**Poison Schedule:** 5**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 IMAZETHAPYR 700 WG HERBICIDE
Product Type: Group B Herbicide
Formulation Type: Water Dispersible Granule
Product Use: Agricultural Herbicide

2. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient (common name)	CAS Number	Proportion
Imazethapyr	81335-77-5	70%
Dispersants		To 100%

3. HAZARDS IDENTIFICATION

HAZARDOUS SUBSTANCE. NON DANGEROUS GOODS.

Classified as hazardous according to the criteria of Safe Work Australia.

Hazards Xi - Irritant

Risk Phrases R36/38 - Irritating to eyes and skin.

Safety Phrases S2 - Keep out of reach of children.
S13 - Keep away from food, drink and animal feeding stuffs.
S24/25 - Avoid contact with skin and eyes.
S26 - In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S46 - If swallowed, seek medical advice immediately and show this container or label.

4. FIRST AID MEASURES

Inhalation If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Seek immediate medical attention.

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Ingestion	If swallowed, do not induce vomiting. Never give anything by mouth to an unconscious person. Seek immediate medical attention.
Skin	Care should be taken to prevent vomit from entering the lungs. Remove contaminated clothing and wash affected area thoroughly with soap and water. If irritation persists seek medical attention.
Eyes	Laundry protective clothing before storage or re-use. If in eyes, hold eyelids open and wash with copious 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.

Suitable Extinguishing Media	Water fog, foam, carbon dioxide or dry chemical. Avoid using large volumes of water which would spread the product. Prevent fire water from entering drains or water courses. Avoid direct water jets. Airborne dusts may create an explosion hazard.
Hazardous Combustion Products	Oxides of carbon and nitrogen.
Firefighting Equipment	Recommended use of self contained breathing apparatus and full protective equipment.
Unusual Fire or Explosion Hazards	Danger of dust explosion.
Hazchem Code	Not allocated.

6. ACCIDENTAL RELEASE MEASURES

Spills	In the event of a major spill, prevent spillage from entering drains or water courses. Wear full protective clothing including P1 dust mask, eye/face protection and protective clothing. Evacuate general area and deny access to unnecessary and unprotected personnel. Stop leak if safe to do so, and contain spill. Sweep or vacuum the spill without generating dust. Collect spilled material in sealable open top container for disposal.
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7. HANDLING AND STORAGE

Handling	Use of safe work practices are recommended to avoid eye or skin contact and inhalation. Observe good personal hygiene, including washing hands before eating. Provide adequate ventilation. Do not breathe dust. Avoid generating dust while handling the product. Do not store the product or spray solution of the product in aluminium, galvanised steel or unlined steel containers or spray tanks.
Storage	Store in the closed, original container in a dry, well ventilated area. Do not store for prolonged periods in direct sunlight. Protect from heat, flame, sparks or other sources of ignition. Store away from incompatible materials such as strong oxidising agents. .

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Standards (Safe Work Australia)	No exposure standards set.
Engineering Controls	Local exhaust ventilation is recommended when vapours can be released in excess of established airborne exposure limits. Do not allow dust accumulation in ventilation systems in order to prevent dust explosions.

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Respiratory Protection	P1 dust mask if dusts are present. See Australian Standards AS/NZS 1715 and 1716 for more information.
Eye Protection	Protective glasses or goggles and face shield. See Australian Standards AS 1336 and AS/NZS 1337 for more information.
Skin Protection	Impervious elbow-length gloves and protective clothing. See Australian Standards AS 2161 and 2919 and AS/NZS 2210 for more information.
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

Appearance	Solid tan granules
Odour	Rubbery odour
Solubility in water	Disperses
Melting Point	169-173°C
PH	3.46 (2% solution)
Octanol/Water Partition Coefficient	Kow Log P is 1.04 at pH5 Kow Log P is 1.49 at pH7 Kow Log P is 1.20 at pH9
Specific Gravity	No information available

10. STABILITY AND REACTIVITY

Chemical Stability	Stable under normal conditions of storage and use.
Incompatible Materials	Strong oxidising agents. Corrosive to zinc, mild steel, brass, copper, and aluminum.
Hazardous Decomposition products	Oxides of carbon and nitrogen.
Hazardous Polymerization Conditions to Avoid	Will not occur. Heat, flame, sparks or other sources of ignition

11. TOXICOLOGICAL INFORMATION

Toxicity	Imazethapyr (granular formulation): Oral LD50 (rat) > 5000 mg/kg Skin LD50 (rat) > 2000 mg/kg Moderate irritation to the rabbit eye, with complete recovery in 14 days. Slight skin irritation to the rabbit with complete recovery in 72 hours. Mutagenic Effects: Imazethapyr does not appear to be mutagenic. Carcinogenic Effects: Imazethapyr not carcinogenic in rats.
Routes of Exposure	Inhalation, ingestion, eye and skin
Acute Health Effects	Inhalation: Available data shows that this product is toxic, but symptoms are not available. Ingestion: Low toxicity if ingested. Eye: Can cause eye irritation. Skin: Prolonged contact may cause skin irritation.
Chronic Health Effects	Product is not a skin sensitiser.
Existing Conditions	No information available.
Aggravated by Exposure	
Carcinogenicity	This product does NOT contain any IARC listed chemicals.

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12. ECOLOGICAL INFORMATION

Ecotoxicity and Mobility

Imazethapyr:

Aquatic organisms:

LC50 (Rainbow trout) = 340 mg/L – 96h

LC50 (Channel catfish) = 240 mg/L – 96h

LC50 (Bluegill sunfish) = 420 mg/L – 96h

LC50 (Daphnia magna) > 1000 mg/L – 48h

Birds:

LD50 (Bobwhite quail) > 2150 mg/kg

Imazethapyr is practically non toxic to birds.

Bees:

LD50 (Bees) > 100 µg/bee

Environmental fate:

The formulated product does not leach through the soil. It is weakly to moderately absorbed.

13. DISPOSAL CONSIDERATIONS

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

Not classified as a dangerous good according to the Australian Code for the Transport of Dangerous goods by road or rail.

UN Number	Not applicable
Proper Shipping Name	Not applicable
Dangerous Goods Class	Not applicable
Subsidiary Risk	Not applicable
Hazchem Code	Not applicable
Packing Group	Not applicable
Special Provisions	Not applicable

15. REGULATORY INFORMATION

Imazethapyr is listed in the Australian Inventory of Chemical Substances (AICS).

SUSDP Classification: 5

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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