

WELLFARM TRIADIMEFON 125 EC FUNGICIDE

APVMA Product No: 70301**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 TRIADIMEFON 125 EC FUNGICIDE
Product Type: Group 3 Fungicide
Formulation Type: Emulsifiable Concentrate
Product Use: Agricultural Fungicide

2. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient (common name)	CAS Number	Proportion
Triadimefon	43121433	125 g/L
Liquid hydrocarbon	64742945	790810g/L
Surfactants (proprietary)		To 100%

3. HAZARDS IDENTIFICATION

HAZARDOUS SUBSTANCE. NON DANGEROUS GOODS.

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

Hazards Xn - Harmful
N - Dangerous for the Environment

Risk Phrases R65 –May cause lung damage if swallowed
Safety Phrases S2 Keep out of reach of children
S23 Do not breathe vapours
S24 Avoid contact with skin
S62 If swallowed, do not induce vomiting; seek medical advice immediately and show the container or label

4. FIRST AID MEASURES

Inhalation Move person to fresh air. If effects occur call a Doctor or seek medical advice.

Ingestion If swallowed, call the Poisons Information Centre or a Doctor. Do not induce vomiting unless told to do so by the Poisons Information Centre or a Doctor. Make every effort to

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	prevent vomit from entering the lungs by careful placement of the patient. Do not give any thing by mouth to a semi-conscious or unconscious person.
Skin	Take off contaminated clothing. Wash skin thoroughly with soap and water. Seek medical advice if irritation or an allergic reaction occurs.
Eyes	Quickly and gently blot or brush product away. Flush the contaminated eye(s) with lukewarm, gently flowing water until the product is removed or until irritation has ceased, while holding the eyelid(s) open. Remove contact lenses. Obtain medical advice if irritation becomes painful or lasts more than a few minutes.

5. FIRE-FIGHTING MEASURES

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

Suitable Extinguishing Media	Preferred extinguishing media are carbon dioxide, dry chemical, foam, water fog.
Hazardous Combustion Products	During a fire, smoke may contain the original material in addition to combustion products of varying composition that may be toxic and/ or irritating. Take appropriate protective measures. It may emit toxic and corrosive mixtures in confined space.
Firefighting Equipment	Wear Safe Work Australia approved self-contained breathing apparatus and full protective clothing.
Unusual Fire or Explosion Hazards	Combustible – C1
Hazchem Code	2Z

6. ACCIDENTAL RELEASE MEASURES

Spills	<p>Wear appropriate protective equipment. Clear area of all unprotected personnel. Prevent entry of chemical or used/damaged containers into sewers, drains, streams or waterways. If necessary, inform the police and the relevant State Authority.</p> <p>Small Spill: For clean up of a spill from a single shipping pack soak up with sand or other non-combustible absorbent material and place into containers for disposal. If applicable, wash the area with detergent and water.</p> <p>Large Spill: In the event of a major spill, eliminate all sources of sparks or open flame and prevent spillage from entering drains or water courses. Wear protective clothing as overalls, goggles and gloves. Stop leak if safe to do so, and contain spill. Absorb onto sand, vermiculite or other suitable absorbent material. If spill is too large or if absorbent material is not available, try to create a dike to stop material spreading or going into drains or waterways. Sweep up and shovel or collect recoverable product into labelled containers for recycling or salvage, and dispose of promptly. After spills, wash area preventing runoff from entering drains. If a significant quantity of material enters drains, advise emergency services. Ensure legality of disposal by consulting regulations prior to disposal. Thoroughly launder protective clothing before storage or re-use. Advise laundry of nature of contamination when sending contaminated clothing to laundry.</p>
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7. HANDLING AND STORAGE

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Handling	Keep exposure to this product to a minimum, and minimise the quantities kept in work areas. After work, remove protective clothing, and wash hands before eating, smoking, drinking or using the toilet. Clean up spilled material immediately, and wash clothes, equipment and work area after use. Avoid breathing spray mist or vapours.
Storage	Avoid splashes of material to the eye and skin. Store in the closed original container in a dry, cool, well-ventilated area out of direct sunlight. Do not store with food, feedstuff, fertilisers and seeds.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Standards (Safe Work Australia)	The following Australian Standards will provide general advice regarding safety clothing and equipment: Respiratory equipment: AS/NZS 1715, Protective Gloves: AS 2161, Industrial Clothing: AS2919, Industrial Eye Protection: AS1336 and AS/NZS 1337, Occupational Protective Footwear: AS/NZS2210.
Engineering Controls	Exposure limits have not been established by NOHSC for active ingredient, however the manufacturer of the solvent has recommended an occupational exposure limit of 100 mg/m ³ ; 17 ppm TWA as total hydrocarbon.
Respiratory Protection	Use only with adequate ventilation. Provide general and/ or local exhaust ventilation to control airborne levels below the exposure guidelines. Make sure that the work environment remains clean and that vapours and mists are minimised.
Eye Protection	Eye protection such as protective glasses or goggles are required when this product is being used
Skin Protection	Use protective clothing. Remove contaminated clothing immediately, wash skin area with soap and water, and launder clothing before reuse.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Clear brown liquid
Odour	Aromatic hydrocarbon odour
Solubility in water	Emulsifiable
Boiling Point	Approx 220°C
Freezing Melting Point	<0°C
Vapour Pressure	0.400 kPa at 380C for solvent and 0.02 mPa at 220C for triadimefon tech.
Vapour Density (Air = 1)	No information available.
Specific Gravity	1.02 – 1.03 at 20°C
Volatility (% by weight)	0%
Flash Point	>95°C
Flammable Limit – Lower	0.6% for solvents
Flammable Limit – Upper	7.0% for solvent
Autoignition	No information available.

10. STABILITY AND REACTIVITY

Chemical Stability	This product is stable under normal storage condition and unlikely to react or decompose under normal storage conditions.
Incompatible Materials	Strong acids, strong bases, strong oxidising agents.
Hazardous Decomposition Products	During a fire, smoke may contain the original material in addition to combustion products of varying composition that may be toxic and/

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Hazardous Polymerization Conditions to Avoid

or irritating. Take appropriate protective measures. It may emit oxides of carbon, nitrogen and possibly toxic fumes of hydrogen chloride and phosgene.
This product is unlikely to undergo polymerisation processes. Avoid high temperatures (at or near flash point), open flame, sparks and direct sunlight. Store in the closed original container in a dry, cool, well-ventilated area out of direct sunlight.

11. TOXICOLOGICAL INFORMATION

Toxicity

Oral:
LD50 (rat) 1000 mg/kg for triadimefon .
Dermal:
LD50 (rat) >5000 mg/kg for triadimefon.
Inhalation:
LD50 (rat) (4 hr) 3.27 mg/L for triadimefon .

Routes of Exposure Acute Health Effects

Inhalation, ingestion, eye and skin
Inhalation: May cause irritation to mucous membranes and respiratory tract. Breathing in high concentration can produce central nervous system depression, which can lead to loss of concentration, impaired judgement and if exposure is prolonged, unconsciousness.
Ingestion: The concentrate is harmful if swallowed. Ingestion in relatively large amounts can result in headache, nausea, lethargy, motor weakness and incoordination. If aspirated into the lung, e.g. from vomiting, the presence of the solvent may result in chemical pneumonitis or other lung damage.
Eye: The concentrate may cause irritation to the eyes. Prolonged contact with the concentrate may cause damage to the eye.
Skin: Prolonged contact with the concentrate may cause skin sensitisation. The effects are transient and generally disappear in one to two days. Topical application of vitamin E cream is effective in reducing discomfort. The occurrence of facial sensation is an indication of exposure. Under these circumstances work practices should be reviewed. The prolonged contact with the concentrate can cause defatting of the skin and may result in dermatitis.

Chronic Health Effects Existing Conditions Aggravated by Exposure Carcinogenicity

No information available.
No information available.
This product does NOT contain any IARC listed chemicals.

12. ECOLOGICAL INFORMATION

Effects on birds:

Not toxic to birds.

Effects on aquatic organisms:

Moderately toxic to fish.
LC50 Bluegill Sunfish 11mg/L (96 hours)

Effects on other organisms:

The compound is not toxic to bees.

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13. DISPOSAL CONSIDERATIONS

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

14. TRANSPORT INFORMATION

This product is not classified as a Dangerous Good for transport by road and rail. No special transport conditions are necessary unless required by other regulations.

15. REGULATORY INFORMATION

Triadimefon and liquid hydrocarbon are listed in the Australian Inventory of Chemical Substances (AICS).

SUSDP Classification: 6

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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