

SAFETY DATA SHEET

THIRAM[®] 80 WDG

Date of Issue: 7 November 2022

1. SUBSTANCE/PREPARATION AND COMPANY IDENTIFICATION

Chemical name of active ingredient(s): Thiram
Recommended use: Fungicide.
Supplier: UPL New Zealand Limited
PO Box 51584, Pakuranga
Auckland
Phone 0800 100 325
www.upl-ltd.com/nz
0800 CHEM CALL (0800 243 622) 24 Hours
Emergency telephone number:

2. HAZARDS IDENTIFICATION

Hazard Classification:



Required identification Details:

Signal Word: WARNING

Keep out of reach of Children.
Read label before use.

May be harmful if swallowed.
May be harmful if inhaled.
Causes serious eye irritation.
May cause an allergic skin reaction.
Suspected of damaging fertility or the unborn child.
May cause damage to organs through prolonged or repeated exposure.
Very toxic to aquatic life.
Very toxic to aquatic life with long lasting effects.
Hazardous to terrestrial vertebrates.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance/preparation Information on hazardous ingredients

Common name	CAS No	%
Thiram	137-26-8	80
Other non-hazardous ingredients		

4. FIRST-AID MEASURES

Description of necessary first aid measures:

In case of poisoning by any exposure route contact the National Poisons and Hazardous Chemicals Information Centre, PO Box 913, Dunedin. Phone 0800 764 766, (0800 POISON).

General information:

You should call The Poisons Information Centre if you feel that you may have been poisoned, burned or irritated by this product. The number is 0800 764 766 in New Zealand and is available at all times. Have this SDS with you when you call.

IF exposed or concerned: Get medical advice/attention. Get medical advice/attention if you feel unwell.

First-aid measures

Inhalation:

Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell.

Ingestion:

IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell. Rinse mouth.

Skin contact:

Wash with plenty of soap and water. If skin irritation or rash occurs: Get medical advice/attention. Wash contaminated clothing before reuse.

Eye contact:

Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

Notes to a physician:

5. FIRE-FIGHTING MEASURES

Fire and Explosion Hazards:

The major hazard in fires is usually inhalation of heated and toxic or oxygen deficient (or both), fire gases. There is little risk of an explosion from this product if commercial quantities are involved in a fire.

Extinguishing media:

In case of fire, use carbon dioxide, dry chemical, foam or water fog. Alcohol resistant foam is the preferred firefighting medium but, if it is not available, normal foam can be used. Try to contain spills, minimise spillage entering drains or water courses.

Hazardous thermal (de)composition products: Fire Fighting:

Fire decomposition products from this product may be toxic if inhaled. Take appropriate protective measures.

If a significant quantity of this product is involved in a fire, call the fire brigade. There is little danger of a violent reaction or explosion if significant quantities of this product are involved in a fire.

Protection of fire-fighters:

Recommended personal protective equipment is full fire kit and breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions:

Wash hands thoroughly after handling.

Do not eat, drink or smoke when using this product.

Avoid breathing dust/fume/gas/mist/vapours/spray.

Use only outdoors or in a well-ventilated area.

Wear protective gloves.

Wear eye protection.

Contaminated work clothing should not be allowed out of the workplace.

Obtain special instructions before use.

Do not handle until all safety precautions have been read and understood.

Environmental precautions:	Use personal protective equipment as required. Avoid release to the environment. Collect spillage.
Methods for cleaning up:	Sweep up and shovel or collect recoverable product into labelled containers for recycling or salvage, and dispose of promptly. Recycle containers wherever possible after careful cleaning. Refer to product label for specific instructions. After spills, wash area preventing runoff from entering drains. If a significant quantity of material enters drains, advise emergency services. Full details regarding disposal of used containers, spillage and unused material may be found on the label. If there is any conflict between this SDS and the label, instructions on the label prevail. 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.

7. HANDLING AND STORAGE

Handling:	Keep exposure to this product to a minimum, and minimise the quantities kept in work areas. Check Section 8 of this SDS for details of personal protective measures, and make sure that those measures are followed. The measures detailed below under "Storage" should be followed during handling in order to minimise risks to persons using the product in the workplace. Also, avoid contact or contamination of product with incompatible materials listed in Section 10.
Storage:	Check packaging - there may be further storage instructions on the label.
Packaging materials:	

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Workplace Exposure Guidelines

Exposure Standards: TWA: Thiram 0.2mg/m³

Engineering measures

Exposure control measures: This product should only be used in a well-ventilated area. If natural ventilation is inadequate, use of a fan is suggested.

Personal Protective Equipment

Detail specifications for equipment:

Respiratory system:

Skin and body:

No special equipment is usually needed when occasionally handling small quantities. The following instructions are for bulk handling or where regular exposure in an occupational setting occurs without proper containment systems.
Usually, no respirator is necessary when using this product.
You should avoid contact even with mild skin irritants. You should wear suitable impervious elbow-length gloves and facial protection when handling this product for lengthy periods.
Suitable material types: We suggest that protective clothing be made from the following materials: rubber, PVC, nitrile.
Wear gloves.
Eye protection such as protective glasses or goggles is recommended when this product is being used.

Hands:

Eyes:

General hygiene:

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Colour, Odour.	Whitish granule, characteristic odour.
pH:	Approx. 8 (1% solution)
Vapour Pressure:	No data
Boiling Point:	Not available.
Flash Point:	>99°C
Freezing/melting point:	No specific data. Solid at normal temperatures.
Solubility:	Dispersible in water.
Specific Gravity/Density:	0.60
Autoignition:	235°C
Flammability:	Not flammable (GHS)
Information for flammable material:	No data
Viscosity:	No data
Octanol/water partition coefficient:	No data
Explosive Properties:	No data
Oxidation Properties:	No data

10. STABILITY AND REACTIVITY

Stability:	Stable under normal conditions.
Conditions to avoid:	Extreme heat, humid air and water.
Materials to avoid:	Strong acids, strong bases, strong oxidising agents.
Hazardous Decomposition Products:	May include nitrogen, sulphur and carbon oxides. Heating or fire can release toxic gas.
Hazardous polymerization:	Not known.

11. TOXICOLOGICAL INFORMATION

Target Organs:	Specific target organ toxicity – repeated exposure Category 2. Cardiovascular system, Liver, Nervous system, Kidney.
Ingestion:	Acute Toxicity Category 4
Skin Contact:	Not classified
Inhalation:	Acute Toxicity Category 4
Skin irritation:	Not classified
Eye irritation:	Eye Irritation Category 2
Sensitization:	Skin Sensitisation Category 1
<u>Chronic toxicity</u> Carcinogenicity:	Not classified
Mutagenicity:	Not classified
Reproduction toxicity:	Reproductive Toxicity Category 2

12. ECOLOGICAL INFORMATION

Aquatic	Hazardous to the aquatic environment acute Category 1
Bacteria	Hazardous to the aquatic environment chronic Category 1 Not known.
Bioaccumulation:	Unknown
Degradability:	Unknown
Mobility:	Unknown

13. DISPOSAL CONSIDERATIONS

Methods of disposal:



Ideally, the product should be used for its intended purpose.
Triple rinse containers; add rinsate to the spray tank. Then offer the container for recycling through the Agrecovery programme, or puncture top, sides and bottom and dispose of in landfill in accordance with local regulations.

Empty container precautions: Avoid contamination of any water supply with chemical or empty bag.
Ensure bag is completely empty by adding residue to spray tank.

14. TRANSPORT INFORMATION - International transport regulations

UN number:	UN3077
Hazchem Code:	2XE
Class or Division:	9
Subsidiary Class:	
Packing Group:	III
Marine Pollutant:	Yes
Proper shipping name:	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S.

**INTERNATIONAL AIR
TRANSPORT ASSOCIATION
(IATA):**

15. REGULATORY INFORMATION

ACVM Registered Number:	P000677
HSNO Approval Code:	HSR101528

16. OTHER INFORMATION

Additional information:	Original Issue Date:
	Revision Date: 7 November 2022
	Replaces:

Disclaimer EXCLUSION OF LIABILITY: PLEASE READ

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