

# MATERIAL SAFETY DATA SHEET



## Hazardous Substance, Dangerous Goods

### 1. MATERIAL AND SUPPLY COMPANY IDENTIFICATION

**Product name:** Summit Pyranica<sup>®</sup> Miticide

**Recommended use:** Insecticide for the control of mites in Apples, Pears, Peaches and Ornamentals.

**Supplier:** Summit Agro Australia Pty Ltd  
**ABN:** 29 105 302 298  
**Street Address:** Suite 3, Level 7, 111 Elizabeth Street  
Sydney NSW 2000

**Telephone:** 1800 007 144  
**Facsimile:** 1800 007 155  
**Emergency telephone number:** 1800 033 111

### 2. HAZARDS IDENTIFICATION

This material is hazardous according to health criteria of NOHSC Australia.

**Hazard Category:**

Xn Harmful  
Xi Irritant

**Risk Phrase(s):**

R22: Harmful if swallowed.  
R36: Irritating to eyes.

**Safety Phrase(s)**

S25: Avoid contact with eyes.  
S36/37/39: Wear suitable protective clothing, gloves and eye/face protection.  
S38: In case of insufficient ventilation, wear suitable respiratory equipment.

Classified as Dangerous Goods by the criteria of the Australian Dangerous Goods Code (ADG Code) for Transport by Road and Rail.

**Class:** 6.1 Toxic

**Poisons Schedule (Aust):** S6

This material is a Scheduled Poison S6 and must be stored, maintained and used in accordance with the relevant regulations.

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## 3. COMPOSITION INFORMATION

CHEMICAL	ENTITY CAS NO.	PROPORTION
Tebufenpyrad	119168-77-3	20%
Silica	112926-00-8	10 – 30%
Non hazardous ingredients	-	Balance
		<hr/>
		100%

## 4. FIRST AID MEASURES

If poisoning occurs, contact a doctor or Poisons Information Centre (Phone Australia 131 126, New Zealand 03 474 7000).

**Inhalation:** Remove victim from exposure - avoid becoming a casualty. Remove contaminated clothing and loosen remaining clothing. Allow patient to assume most comfortable position and keep warm. Keep at rest until fully recovered. Seek medical advice if effects persist.

**Skin contact:** If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running water. If swelling, redness, blistering or irritation occurs seek medical assistance.

**Eye contact:** If in eyes, hold eyelids apart and flush the eyes continuously with running water. Continue flushing until advised to stop by the Poisons Information Centre or a Doctor; or for at least 15 minutes and transport to Doctor or Hospital.

### Ingestion:

Immediately rinse mouth with water. If swallowed, do NOT induce vomiting. Give a glass of water to drink. Never give anything by the mouth to an unconscious patient. If vomiting occurs give further water. Seek medical advice.

**Notes to physician:** Treat symptomatically.

## 5. FIRE-FIGHTING MEASURES

**Specific hazards:** Non-combustible solid.

**Fire fighting further advice:** On decomposing may emit toxic fumes. Fire fighters to wear self-contained breathing apparatus and suitable protective clothing if risk of exposure to vapour or products of combustion.

**Hazchem Code:** 2X

**Suitable extinguishing media:** Not combustible, however, if material is involved in a fire use water fog (or if unavailable fine water spray), foam, dry agent (carbon dioxide, dry chemical powder).

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## 6. ACCIDENTAL RELEASE MEASURES

### SMALL SPILLS

Wear protective equipment to prevent skin and eye contamination. Avoid inhalation of dust. Wipe up with absorbent (clean rag or paper towels). Collect and seal in properly labeled containers or drums for disposal.

### LARGE SPILLS

Wear protective equipment to prevent skin and eye contamination and the inhalation of dust. Work up wind or increase ventilation. Cover with damp absorbent (inert material, sand or soil). Sweep or vacuum up, but avoid generating dust. Collect and seal in properly labeled containers or drums for disposal. If contamination of crops or waterways has occurred advise emergency services or State Department of Agriculture. If contamination of sewers or waterways has occurred advise local emergency services.

**Dangerous Goods – Initial Emergency Response Guide No: 34**

## 7. HANDLING AND STORAGE

**Handling:** Avoid skin and eye contact and inhalation of dust.

**Storage:** Store in a cool, dry, well ventilated place and out of direct sunlight. Store away from foodstuffs. Store away from incompatible materials described in Section 10. Store away from sources of heat or ignition. Keep containers closed when not in use - check regularly for spills.

This material is classified as a Dangerous Good Class 6.1 Toxic Substance as per the criteria of the Australian Dangerous Goods Code and must be stored in accordance with the relevant regulations.

This material is a Scheduled Poison S6 and must be stored, maintained and used in accordance with the relevant regulations.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### National occupational exposure limits:

No value assigned for this specific material by the National Occupational Health and Safety Commission (NOHSC Australia).

However for:

	TWA		STEL		CARCINOGEN	NOTICES
	ppm	mg/m3	ppm	mg/m3	CATEGORY	
Silica gel	-	10	-	-	-	-
Inspirable dust	-	10	-	-	-	-

As published by the National Occupational Health & Safety Commission (NOHSC Australia).

TWA - The time-weighted average airborne concentration over an eight-hour working day, for a five-day working week over an entire working life.

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STEL (Short Term Exposure Limit) - the average airborne concentration over a 15 minute period which should not be exceeded at any time during a normal eight-hour workday.

These Exposure Standards are guides to be used in the control of occupational health hazards. All atmospheric contamination should be kept too as low a level as is workable. These exposure standards should not be used as fine dividing lines between safe and dangerous concentrations of chemicals. They are not a measure of relative toxicity.

If the directions for use on the product label are followed, exposure of individuals using the product should not exceed the above standard. The standard was created for workers who are routinely, potentially exposed during product manufacture.

**Biological Limit Values:** As per the "National Model Regulations for the Control of Workplace Hazardous Substances [NOHSC: 1005 (1994)]" the ingredients in this material do not have a Biological Limit Allocated.

**Engineering measures:** Ensure ventilation is adequate to maintain air concentrations below Exposure Standards. Use only in well ventilated areas. Avoid generating and inhaling dusts. Use with local exhaust ventilation or while wearing dust mask. Keep containers closed when not in use.

**Personal protection equipment:** OVERALLS, SAFETY SHOES, CHEMICAL GOGGLES, GLOVES, DUST MASK.

Wear overalls, chemical goggles and impervious gloves. Avoid generating and inhaling dusts. If dust exists, wear dust mask/respirator meeting the requirements of AS/NZS 1715 and AS/NZS 1716. Available information suggests that gloves made from nitrile rubber should be suitable for intermittent contact. However, due to variations in glove construction and local conditions, the user should make a final assessment. Always wash hands before smoking, eating, drinking or using the toilet. Wash contaminated clothing and other protective equipment before storing or re-using.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Form / Colour / Odour:** White to yellow powder.

<b>Solubility:</b>	Suspendible
<b>Specific Gravity (20 °C):</b>	0.15-0.25
<b>Relative Vapour Density (air=1):</b>	N App
<b>Vapour Pressure (20 °C):</b>	N App
<b>Flash Point:</b>	N App
<b>Flammability Limits (%):</b>	N App
<b>Autoignition Temperature (°C):</b>	N App
<b>Melting Point/Range (°C):</b>	63-65
<b>Boiling Point/Range (°C):</b>	N App
<b>pH:</b>	N App

(Typical values only - consult specification sheet)

N Av = Not available

N App = Not applicable

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## 10. STABILITY AND REACTIVITY

**Chemical stability:** This material is thermally stable.

**Conditions to avoid:** Temperatures greater than 65 °C.

**Incompatible Materials:** Oxidising agents.

**Hazardous decomposition products:** No information available.

**Hazardous reactions:** No information available.

## 11. TOXICOLOGICAL INFORMATION

No adverse health effects expected if the product is handled in accordance with this Safety Data Sheet and the product label. Symptoms or effects that may arise if the product is mishandled and overexposure occurs are:

### Acute Effects

**Inhalation:** Material may be irritant to mucous membranes and respiratory tract.

**Skin contact:** Contact with skin may result in irritation.

**Eye contact:** A severe eye irritant.

**Ingestion:** Harmful if swallowed.

**Long Term Effects:** No information available for product.

### Acute toxicity / Chronic toxicity

Oral LD50 (rat):	1,458 mg/kg
Dermal LD50 (rabbit):	> 2,000 mg/kg
Inhalation LC50 4h (rat):	2,660 mg/m <sup>3</sup>
Eye irritant (rabbit):	Severe irritant
Skin irritant (rabbit):	Not irritating
Skin sensitiser:	Not a sensitiser

## 12. ECOLOGICAL INFORMATION

Avoid contaminating waterways.

### Ecotoxicity:

Very toxic to aquatic organisms.  
48h LC50 (Carp): 0.073 mg/L

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**Persistence and degradability:** No information available.

**Mobility:** No information available.

## 13. DISPOSAL CONSIDERATIONS

FOR METAL DRUMS AND PLASTIC CONTAINERS: Triple or preferably pressure rinse containers before disposal. Add rinsings to spray tank. Do not dispose of undiluted chemicals on-site. If recycling, replace cap and return clean containers to recycler or designated collection point. If not recycling, break, crush or puncture and bury empty containers in a local authority landfill. If no landfill is available, bury the containers below 500 mm 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

### ROAD AND RAIL TRANSPORT

Classified as Dangerous Goods by the criteria of the Australian Dangerous Goods Code (ADG Code) for Transport by Road and Rail.

<b>UN No:</b>	2588
<b>Dangerous Goods Class:</b>	6.1
<b>Packing Group:</b>	III
<b>Hazchem Code:</b>	2X
<b>Emergency Response Guide No:</b>	34

**Proper Shipping Name:** PESTICIDE, SOLID, TOXIC, N.O.S. (contains TEBUFENPYRAD)

**Segregation Dangerous Goods:** Not to be loaded with explosives (Class 1), nitromethane, food and food packaging in any quantity, however exemptions may apply.

### MARINE TRANSPORT

Classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea. This material is classified as a severe Marine Pollutant (PP) according to the International Maritime Dangerous Goods Code.

<b>UN No:</b>	2588
<b>Dangerous Goods Class:</b>	6.1
<b>Packing Group:</b>	III

**Proper Shipping Name:** PESTICIDE, SOLID, TOXIC, N.O.S. (contains TEBUFENPYRAD)

### AIR TRANSPORT

Classified as Dangerous Goods by the criteria of the International Air Transport Association (IATA) Dangerous Goods Regulations for transport by air.

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UN No: 2588  
Dangerous Goods Class: 6.1  
Packing Group: III

Proper Shipping Name: PESTICIDE, SOLID, TOXIC, N.O.S. (contains TEBUFENPYRAD)

## 15. REGULATORY INFORMATION

Poisons Schedule (Aust): S6

All the constituents of this material are listed on the Australian Inventory of Chemical Substances (AICS).

## 16. OTHER INFORMATION

### Reference:

'The Pesticide Manual'. 12th Edition. Ed. CDS Tomlin, British Crop Protection Society, 2000.  
Supplier Material Safety Data Sheet' – February 2001

**This material safety data sheet has been prepared by Chemicals Data Services Pty Ltd.**

Reason(s) for Issue: First Issue

### DISCLAIMER

This MSDS summarises at the date of issue our best knowledge of the health and safety hazard information of the product, and in particular how to safely handle and use the product in the workplace. Since Summit Agro Australia cannot anticipate or control the conditions under which the product may be used, each user must prior to usage, review this MSDS in the context of how the user intends to handle and use the product in the workplace. If clarification or further information is needed to ensure that an appropriate assessment can be made, the user should contact this company. Our responsibility for product as sold is subject to our standard terms and conditions, a copy of which is sent to our customers and is also available upon request.