



1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name: Plantvax 750WP Systemic Fungicide
Other Names: Oxycarboxin
Product Codes: -
Recommended Use: Fungicide for the control of rust in green beans, geraniums, roses, carnations, irises, chrysanthemums and snapdragons.
Chemical Family: Carboxamide
Supplier: Chemtura Australia Pty Ltd
ABN: 005 225 507
Street Address: Level 7, 435 King William Street
Adelaide South Australia 5000
Telephone Number: 61 8 8112 0900
Facsimile Number: 61 8 8112 0999
Emergency Telephone: 1800 033 111 (24-hour service)

2. HAZARDS IDENTIFICATION

Hazard Classification: **HAZARDOUS SUBSTANCE, NON-DANGEROUS GOOD**
Classified according to the criteria of the National Occupational Health and Safety Commission (NOHSC).

Risk Phrases: Xn - Harmful
R20: Harmful by inhalation
R52/53: Harmful to aquatic organisms. May cause long-term adverse effects in the aquatic environment.

Safety Phrases: None allocated

Poisons Schedule: Schedule 5

Dangerous Goods Class: Not a dangerous good

3. COMPOSITION AND INFORMATION ON INGREDIENTS

Chemical Identity	Common Name(s) and Synonym(s)	CAS Number	Proportion by Weight
Oxycarboxin technical	Oxycarboxin technical	5259-88-1	>60% (750g/kg)

Note: Australian and US Patents apply.

4. FIRST AID MEASURES

Ingestion: Rinse mouth with water. If patient is conscious, give plenty of water to drink.

Inhalation: Remove patient to fresh air. If effects persist, seek medical advice.

Eye Contact: Hold eye(s) open and flush with water for at least 15 minutes. Remove clothing if contaminated and wash skin. Seek medical advice.

Skin Contact: Wash thoroughly with soap and water. Remove contaminated clothing and launder before re-use. If irritation occurs, seek medical advice.

Advice to Doctor: Treat symptomatically.

First Aid Facilities: Eye wash station.

Additional Information: If poisoning occurs contact a doctor or Poison Information Centre. Phone Australia 131 126; New Zealand 03 4747 000

5. FIRE FIGHTING MEASURES

Suitable Extinguishing Media: Water fog (or if unavailable fine water spray), foam, carbon dioxide, dry chemical powder.

Hazards from Combustion Products: Combustible Solid: Toxic fumes are emitted when burning.

Precautions for Fire fighters and Special Protective Equipment: Fire fighters to protect against inhalation of vapor and combustion products by wearing self-contained breathing.

HazChem Code: None allocated.

Additional Information: None allocated.

6. ACCIDENTAL RELEASE MEASURES

Methods and Materials for Containment and Clean-Up Procedures: Wear protective equipment to prevent skin and eye contamination as well as inhalation of dust. Contain - do not contaminate watercourses or drains with products or containers. Use absorbent (soil, sand, vermiculite or other inert materials). Vacuum to avoid creating dust. Transfer into secure, sealed and properly labeled containers for disposal. Do not reuse container for any purpose. If there is contamination of crops or waterways, advise emergency services or State Department of Agriculture.

7. HANDLING AND STORAGE

Precautions for Safe Handling: Refer to person protection in Section 8.

Conditions for Safe Storage: Not defined as a Dangerous Good by the Australian Code for the Transport of Dangerous Goods by Road and Rail. This material is a Scheduled Poison (S5) and must be stored, maintained and used according to the relevant regulations. Store in original container, away from children, animals, food and feedstuffs. Storage must be secure, and locks and/or seals in order, so contents cannot be tampered with. Check regularly for leaks. Keep cool and dry and out of direct sunlight or other sources of heat and ignition. Store away from acids, alkalis and oxidizing agents.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

National Exposure Standards: None allocated for this material by the National Occupational Health and Safety Commission (Work safe Australia).

Engineering Controls: Sufficient ventilation to minimize dust exposure. Keep containers closed when not in use.

Personal Protective Equipment (PPE): Avoid contact with eyes and skin. Do not inhale vapor or spray mist. Do not eat, drink or smoke while using. Wear cotton overalls buttoned to the neck and wrist, a washable hat, elbow-length PVC gloves, a face shield and disposable facemask. In the absence of adequate ventilation, use a respirator fitted with an agricultural chemical cartridge(s). If product on skin, immediately wash area with soap and water. After use and before eating, drinking, smoking or using the toilet wash hands, arms and face thoroughly with soap and water. Launder contaminated clothing and protective equipment before storing or re-using.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Off-white powder

Odour: Odourless

pH: Not available

Melting Point: Not available

Solubility: Dispersible in water

Specific Gravity (Water = 1): 1.57

Vapour Pressure (@20°C) 1.0mm Hg

Flashpoint: 94°C TCC

10. STABILITY AND REACTIVITY

Chemical Stability: Stable at ambient temperatures and pressures
Incompatible Materials: Strong acids and alkalis

11. TOXICOLOGICAL INFORMATION

Likely Routes of Exposure:

Acute Health Effects: **Swallowed:** May be harmful if swallowed.
Oral LD50 2570 mg/kg (rat)
Oral LD50 2000 mg/kg (rat) - Oxycarboxin technical
Eye: Contact with eyes may cause irritation.
Skin: Contact with skin may result in irritation.
Dermal LD50 > 8000 mg/kg (rabbit)
Dermal LD50 > 16,000 mg/kg (rabbit) - Oxycarboxin technical

Chronic Health Effects: **Inhaled:** Inhalation of dust or spray mist may be harmful.
Chronic inhalation may cause lung damage. Repeated minimal contact with skin may cause an allergic reaction. The feeding to rats and dogs of up to 3000 mg/kg Plantvax technical for two years demonstrated the no observable effect level to be 1000 mg/kg. No effects were seen on reproduction in a two-generation rat at these dietary levels. No teratogenic effects were seen in rats and rabbits developmental toxicity studies.

12. ECOLOGICAL INFORMATION

Ecotoxicity: **For Plantvax :**
96 hr LC50 (Rainbow Trout) = 28 mg/L
96 hr LC50 (Bluegill Sunfish) = 20 mg/L
For Oxycarboxin:
LD50 (Mallard Duck) = 1250 mg/kg
LD50 (Bobwhite Quail) > 10,000 mg/kg
96 hr LC50 (daphnia magna) = 69.1 mg/L

13. DISPOSAL CONSIDERATIONS

Disposal Method(s): Shake empty into spray tank. Do not dispose of undiluted chemicals on site. Puncture or shred 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.

Precautions for Landfill or Incineration: Dispose of sealed containers at an approved local waste disposal site. Empty containers and product should not be burnt.

14. TRANSPORT INFORMATION

UN Number: None allocated.
UN Proper Shipping Name: None allocated.
DG Class & Subsidiary Risk: None allocated.
Packing Group: None allocated.
EPG/GTEPG: None allocated.
Special Precautions for User: None allocated.
HazChem Code: None allocated.
Other Information: None allocated.

15. REGULATORY INFORMATION

Poisons Schedule: Schedule 5
Additional Information: APVMA Product No. 56010

16. OTHER INFORMATION

Date of Preparation: July, 2006
Revision Date: August, 2008

Revision Number: 1

Revision Summary: Rev 1 - Update of Chemtura contact details

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~END OF SAFETY DATA SHEET~