

**TERRAZOLE 350 WP
SOIL FUNGICIDE**DATE OF ISSUE: 14th May, 2004
PAGE 1 of 4**STATEMENT OF HAZARDOUS NATURE**

Terrazole 350 WP Soil Fungicide has been determined as hazardous according to the criteria of the National Occupational Health & Safety Commission.

COMPANY DETAILS

COMPANY:	Crompton Specialties Pty Ltd
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IDENTIFICATION

PRODUCT NAME:	Terrazole 350 PW Soil Fungicide
OTHER NAMES:	Etridiazole
MANUFACTURER'S CODE:	OM2424 (Etridiazole tech)
UN NUMBER:	3077
DANGEROUS GOODS CLASS:	9
HAZCHEM CODE:	2 X
POISONS SCHEDULE NUMBER:	S5
USE:	Soil fungicide for control of damping off, root & stem rot of ornamentals and turf caused by <i>Phytophthora</i> & <i>Pythium</i> fungi

PHYSICAL DESCRIPTION/PROPERTIES:

APPEARANCE AND ODOR:	Light gray powder with musty odor
MELTING POINT:	Not available
VAPOR PRESSURE (@ 20°C):	Not available
SPECIFIC GRAVITY (H ₂ O = 1):	Not available
FLASHPOINT:	Not available
FLAMMABILITY LIMITS (%):	Not available
SOLUBILITY:	Dispersible in water, active soluble in organic solvents

OTHER PROPERTIES:

STABILITY:	Stable at ambient temperatures and pressures.
INCOMPATIBILITY:	Strong oxidizing agents
REACTIVITY:	No data
AUTOIGNITION TEMPERATURE:	355°C
VOLATILITY @ 20°C:	Low
pH	8.4

INGREDIENTS:

CHEMICAL ENTITY	CAS NUMBER	PROPORTION
Etridiazole	2593-15-9	350.0 g/kg

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This product has been determined as hazardous according to the National Occupational Health and Safety's, "Approved Criteria for Classifying Hazardous Substances".

Toxic (T): R23 Toxic by inhalation
Irritant(Xi): R36 Irritating to eyes.

HEALTH EFFECTS:**ACUTE**

Swallowed: Slightly toxic. Acute oral LD₅₀ (rat) 3260 mg/kg
Eye: Contact with eyes can cause irritation.
Skin: Non-irritant. Acute dermal LD₅₀ (rabbit) >2000 mg/kg
Inhaled: Individuals with respiratory problems should avoid inhalation exposure.
Acute inhalation LC₅₀ (rat) > 0.41 mg/L (4hr)

CHRONIC

General: Studies in animals indicate that repeated or prolonged exposure could result in liver damage.
Toxicology: Possible carcinogenicity to rats in long term feeding studies at high dose rates. Results indicated that etridiazole at levels of 640 mg/kg and 1280 mg/kg in the diet are carcinogenic to rats. No increase in tumors was found at the low dosage of 100 mg/kg. An increased incidence of hepatocellular adenoma/carcinomas in the high dose males and females and cholangiocarcinoma in the high dose females were noted.

FIRST AID:

If poisoning occurs contact a doctor or Poison Information Centre. Phone 131 126 (Australia).

Swallowed: If patient is fully conscious, administer large quantities of water. Seek medical advice.
Eye: Hold eye(s) open and flush with water for 15 minutes. Seek medical advice.
Skin: Wash thoroughly with soap and water. Remove contaminated clothing and launder before reuse. If irritation persists, seek medical advice.
Inhaled: Remove to fresh air. If breathing difficulties occur, seek medical advice.

FIRST AID FACILITIES:

Eye wash station.

ADVICE TO DOCTOR:

Treat symptomatically.

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None allocated by the National Occupational Health and Safety Commission (Worksafe Australia).

ENGINEERING STANDARDS:

Sufficient ventilation to minimize dust exposure. Protect closed dust handling systems against possible dust explosions. Avoid dust accumulations on building or equipment surfaces. Keep containers closed when not in use.

PERSONAL PROTECTION:

Avoid all personal contact. When using, do not eat, drink or smoke. Wear elbow-length PVC gloves and a face shield. In the absence of adequate ventilation, use a respirator fitted with an agricultural chemical cartridge(s). After use and before eating, drinking, smoking or using the toilet, wash hands, arms and face thoroughly with soap and water. Launder clothing and other protective equipment before storing or re-using.

FLAMMABILITY:

Combustible solid, but not flammable under conditions of use.

SAFE HANDLING INFORMATION**STORAGE AND TRANSPORT:**

Dangerous Goods Class: 9 – Miscellaneous

Correct Shipping Name: Environmentally Hazardous Substance, Solid, N.O.S. A marine pollutant.

Packaging Group: III

Store and Transport in accordance with the Australian Code for the Transport of Dangerous Goods by Road and Rail. Store in original container, away from seeds, fertilizers, animal and human feedstuffs, and strong oxidizing agents. Keep dry and out of direct sunlight. Store below 40°C. Keep containers closed when not in use.

SPILLS:

Use personal protective equipment as outlined above. Vacuum up to avoid creating dust. Transfer into secure containers for proper disposal. Do not contaminate watercourses or drains with the product or containers. Do not reuse the containers for any purpose. If there is a contamination of crops or waterways, advise emergency service or State Department.

DISPOSAL:

Disposal after intended use: Do not dispose of undiluted chemicals on-site. Break, crush or puncture and bury empty containers in a local authority landfill. If not available, bury the containers below 500 mm in a disposal pit specifically marked and set up for this purpose clear of waterways, vegetation and roots. Empty containers and product should not be burnt.

Disposal after accident or spill: Dispose of sealed containers at an approved local waste disposal.

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May burn but not ignite regularly. Protect against inhalation of combustion products. On combustion, there may be production of hydrogen chloride and oxides of sulfur and nitrogen. Reacts with strong oxidizing agents.

Extinguishing Media: Water spray, fog, foam or dry chemical. Contain runoff.

Hazchem Code: 2 X

OTHER INFORMATION**ENVIRONMENTAL HAZARDS:**

Do not apply directly to water or wetlands. Do not contaminated water when disposing of equipment wash water. Not toxic to bees. Not toxic to birds. Slightly toxic to fish.

Etridiazole Technical

Bluegill Sunfish: 96 hr LC₅₀ = 3.27 mg/kg

Rainbow Trout: 96 hr LC₅₀ = 1.21 mg/kg

Bobwhite Quail: LD₅₀ = 560 mg/kg

Bobwhite Quail: Dietary LC₅₀ = 5000 mg/kg

Mallard duck: Dietary LC₅₀ = 1650 mg/kg

IMPORTANT PLEASE READ:

This Material Safety Data Sheet provides certain basic health and safety information (“Information”) about Uniroyal Chemical Terrazole WP 350 Wettable Powder Soil Fungicide (“Product”).

You should read the Information carefully. This product may be dangerous if not handled or used properly. You should not use the Product unless you are satisfied after reading the Information that it is suitable for your purposes outline.

Crompton Specialties Pty Ltd and its related companies and distributors (“Crompton”) shall not be liable (including, without limitation, liable in negligence) for any expenses, losses, damages or costs that you may suffer or incur as a result of your failure to read the Information carefully or the Product being incapable of achieving any purpose.

Crompton excludes all implied conditions, warranties and other terms implied by statute or common law, except any implied condition or warranty the exclusion of which would contravene any statute or cause any part of this paragraph to be void (“Non-excludable Condition”). In the event of any breach of any Non-excludable Condition (other than where the customer is a “consumer” as defined under the Trade Practices Act and there is a breach of any Non-excludable Condition in respect of goods or service of a kind ordinarily acquired for personal, domestic or household use or consumption) Crompton’s liability shall be limited to any one of supplying, replacing or repairing the goods in respect of which the breach occurred.

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