

XLFLO™ SEED TREATMENTDATE OF ISSUE: October 2003
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Xlflo Seed Treatment has been determined as hazardous according to the criteria of Worksafe Australia.

COMPANY DETAILS

COMPANY: Crompton Specialties Pty Ltd
ADDRESS: 3 Opala Street, Regency Park, SA 5010
TELEPHONE NUMBER: (61-8) 8268 5700
FACSIMILE NUMBER: (61-8) 8268 7555
EMERGENCY TELEPHONE NUMBER: 1800 033 111

IDENTIFICATION

PRODUCT NAME: Xlflo Seed Treatment
OTHER NAMES: Iprodione
MANUFACTURER'S CODE: None Allocated
UN NUMBER: None allocated
DANGEROUS GOODS CLASS: None allocated
HAZCHEM CODE: None allocated
POISONS SCHEDULE NUMBER: S 5
USE: Seed Treatment for the control of brown leaf spot and the suppression of hypocotyl rot, in the first four weeks after emergence, in lupins and for the control of hypocotyl rot in potatoes.

PHYSICAL DESCRIPTION / PROPERTIES:

APPEARANCE AND ODOUR: Dark blue viscous suspension with negligible odour.
MELTING POINT: Not available
BOILING POINT: Greater than 100°C
VAPOUR PRESSURE: Not available
FLASHPOINT: Not flammable
FLAMMABILITY LIMITS (%): Not determined
SOLUBILITY (water): Miscible with water.

INGREDIENTS:

CHEMICAL ENTITY	CAS NUMBER	PROPORTION
Other ingredients	(non hazardous)	471g/L
Iprodione	36764-19-7	250 g/L
Hydrocarbon liquid	64742-56-9	316g/L

HEALTH HAZARD INFORMATION

Xlfo Seed Treatment has been determined as hazardous according to the criteria of Worksafe Australia.

HEALTH EFFECTS:***ACUTE***

- Swallowed:** Product toxicity is low but may be harmful if a large amount is swallowed. Possible symptoms include nausea, vomiting, abdominal pain and loss of co-ordination. Small amounts of liquid aspirated into the respiratory system during ingestion or from vomiting may cause bronchopneumonia or pulmonary oedema.
- Eye:** May be an eye irritant.
- Skin:** The dermal toxicity of this product is low. However, skin contact should be avoided.
- Inhaled:** May irritate mucous membranes of nose and mouth.

CHRONIC

Lifetime feeding studies in rodents have shown an increased incidence of tumors in animals treated at the maximum tolerated dose. Iprodione has been classified as a Category 3 carcinogen according to the EU classification. The no observable effect level listed by the Therapeutic Goods Administration for iprodione is 4mg/kg bw/dat. Iprodione was not mutagenic in the Ames assay.

FIRST AID:

- Swallowed:** Wash out mouth with water. Do not induce vomiting. Give a glass of water. Keep patient at rest and seek medical advice.
- Eye:** Rinse immediately with clean water, including under eyelids, for at least 15 minutes and obtain medical advice.
- Skin:** Remove contaminated clothing. Wash affected areas with plenty of soap and water. Seek medical aid if at all worried.
- Inhaled:** If inhaled, remove to fresh air and keep at rest. Obtain medical advice if at all worried.
- First aid measures:** If poisoning occurs, immediately contact a doctor or Poisons Information Centre 13 11 26, and follow the advice given. Show this Material Safety Data Sheet to a doctor.

FIRST AID FACILITIES:

Ensure washing facilities are available.

Other information:

DO NOT attempt to give anything to a semi-conscious or unconscious person.

ADVICE TO DOCTOR:*Local contamination:*

Treatment should be symptomatic after decontamination. In case of skin or eye contamination, treat as above under First Aid.

Systemic Poisoning:

Initial treatment should be symptomatic and supportive.

Anticonvulsant therapy is not appropriate.

There is no specific antidote.

As this product contains a hydrocarbon solvent, care should be taken to prevent pulmonary aspiration.

PRECAUTIONS FOR USE**EXPOSURE STANDARDS:**

The Exposure Standard set by the National Occupational Health and Safety Commission for the hydrocarbon solvent (oil mists) is – TWA (8hr) 5mg/m³. The occupational exposure limit for iprodione set by Crompton Specialties is 2mg/m³.

ENGINEERING STANDARDS:

Control process conditions to avoid contact. Use local exhaust ventilation during manufacture. Use in a well-ventilated area only.

PERSONAL PROTECTION:**Respirator type:**

(AS 1716) Respiratory protection is not normally required. If airborne concentrations are likely to exceed the exposure standards above, and AS/NZS 1715/1716 approved respirator should be worn. Workers exposed to grain dust should wear a disposable dust mask.

Eye protection:

Safety goggles or faceshield.

Glove type:

Elbow –length PVC gloves.

Clothing:

Cotton overalls buttoned to the neck and wrist (or equivalent clothing) and a washable hat.

Other Information:

After use and before eating, thoroughly with soap and water..
After each days use wash gloves, goggles or faceshield and contaminated clothing.

FLAMMABILITY:

Non flammable. Class C2 combustible liquid.

SAFE HANDLING INFORMATION**STORAGE AND TRANSPORT:****Correct shipping name:**

None allocated.

Transport:

Not classified as a Dangerous Good under the Australian Code for the Transport of Dangerous Goods by Road and Rail.

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Handling and storage:

Keep out of reach of children. Avoid contact with eyes and skin, and avoid inhalation of vapour or dust from treated seed. If product on skin, immediately wash area with soap and water. Store in the closed, original container in a cool, secure, well-ventilated area. Do not store for prolonged periods in direct sunlight. Protect from frost. Store treated seed in clearly marked bags or silos, away from other grain, animal feed or foodstuffs, in a cool, dry storage area. Bags which have held treated seed should not be used for any other purpose.

SPILLS:

Shut off or remove any sources of ignition. Avoid contact with spilled material or contaminated surfaces. Do not smoke, eat or drink during the clean up process. Wear personal protective clothing and equipment as detailed in 'Personal Protection' section. Prevent spilled material from entering drains or watercourses. Contain spill and absorb with absorbent material such as earth, sand or clay and store in properly labeled, sealed drums for safe disposal. Deal with all spillages immediately. If contamination of drains, streams, watercourses, etc. is unavoidable, warn the local water authority.

DISPOSAL:

Triple or preferably pressure rinse containers before disposal. Add rinsings to spray tank. Do not dispose of undiluted chemicals on site. Break, crush or puncture and bury empty containers in a local authority landfill. If no landfill is available, bury the containers below 500mm in a disposal pit specifically marked and set up for the purpose, clear of waterways, desirable vegetation and tree roots. Empty containers and product should not be burnt. Returnable containers should be taken back to point of supply for refill or storage. Dispose of waste product through a reputable waste contractor.

FIRE / EXPLOSION HAZARD:**Fire fighting procedures:**

Firefighters should wear full protective gear, including self-contained breathing apparatus (AS/NZS 1715, 1716).

Special fire fighting procedures:

Wear full protective gear, including self-contained breathing apparatus (AS/NSZ 1715, 1716). If possible and without risk, remove intact containers from exposure to fire. Otherwise, spray unopened containers with water to keep cool. Whenever possible, contain fire-fighting water by bunding area with sand or earth to prevent it entering any bodies of water. Dispose of fire control water or other extinguishing agent and spillage safely later.

Extinguishing media:

Carbon dioxide, water spray, dry agent, foam.

Hazchem Code:

None allocated.

OTHER INFORMATION**ENVIRONMENTAL HAZARDS:**

Cypermethrin is highly toxic to bees in laboratory tests, but use as a seed treatment according to label directions should not put hives at risk. Do NOT feed treated seed or otherwise expose wildlife or domestic birds. Do NOT contaminate streams, rivers, or waterways with the chemical, used containers, treated seed or bags which have held treated seed.

Triticonazole is persistent in soil.

Cypermethrin has moderate persistence in soils. The biological degradation of cypermethrin is rapid. It is unlikely to cause groundwater contamination.

IMPORTANT PLEASE READ:

This Material Safety Data Sheet provides certain basic health and safety information ("Information") about Xlflo Seed Treatment ("Product").

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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.

CONTACT POINT:

CROMPTON SPECIALTIES PTY LTD
3 OPALA STREET
REGENCY PARK SA 5010

PHONE: (61-8) 8268 5700
FACSIMILE: (61-8) 8268 7555

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