



SAFETY DATA SHEET

SCOMRID™ LIMB AEROSOL®1

Date of Issue: 31 March 2011

1. SUBSTANCE/PREPARATION AND COMPANY IDENTIFICATION

Chemical name of active ingredient(s): Imazalil

Recommended use: FUNGICIDE

Supplier: Etec Crop Solutions Ltd
PO Box 54584
Pakuranga, Auckland
Phone 0800 100 325

Emergency telephone number: 0800 Poison (0800 764 766) 24 Hours

2. HAZARDS IDENTIFICATION

Hazard Classification: Flammability -2.1.2A,
Toxic - 6.3B, 6.4A, 6.9B,
Ecotoxic - 9.1C

Required identification Details: COMBUSTIBLE LIQUID
KEEP AWAY FROM SOURCES OF IGNITION.
ECOTOXIC

Harmful to aquatic organisms.
Harmful – presumed to cause organ damage from repeated oral exposure at high doses.
May cause eye irritation.
May cause skin irritation.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance/preparation Information on hazardous ingredients

Common name	CAS No	%
Imazalil	73790-28-0	20.6

Propellant: Propane and butane

4. FIRST-AID MEASURES

Description of necessary first aid measures:

Effects and symptoms

First-aid measures

Inhalation:

Move person to fresh air. If person is not breathing call 111 or an ambulance, and then give artificial respiration; if by mouth to mouth use rescuer protection (pocket mask, etc). Call National Poison Center 0800 Poison (0800 764 766) or doctor for treatment advice.

Ingestion:

Call the National Poison Center or doctor immediately for treatment advice. Have a person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by the Poison Center or Doctor. Never give anything by mouth to an unconscious person

Skin contact:

Immediately get under a safety shower. Wash affected skin areas thoroughly with soap and water. Remove and wash contaminated clothing thoroughly. Do not take clothing home to be laundered. Get prompt medical attention.

Eye contact:

Hold eyes open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, and then continue rinsing eyes. Call National Poison Center or doctor for treatment advice.

Notes to a physician:

No specific antidote known. Treat symptomatically.

5. FIRE-FIGHTING MEASURES

HAZCHEM Code:

3WE

Extinguishing media : Hazardous thermal (de)composition products: Protection of fire-fighters:

Water spray, foam, Carbon dioxide, dry chemical
Formulation of pollutant gases possible

Remain upwind. Use water spray to cool containers exposed to fire. Wear full protective clothing and self contained breathing apparatus. Do not breath smoke or gases.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions:

Wear protective clothing and personal protective equipment as described in section 8. Keep unprotected persons and animals out of the area.

Environmental precautions:

Keep material out of lakes, streams, ponds and sewer drains.

Methods for cleaning up:

Dike to confine spill and absorb with a inert materials absorbent such as clay, sand or soil. Vacuum, shovel or pump waste into a drum and label contents for disposal.

7. HANDLING AND STORAGE

Handling:

Do not handle material near food, feed or drinking water. Keep out of reach of children.

Storage:

Store away from sparks, heat and flames. Store in original container tightly closed and in a locked, dry, cool, well

ventilated area, away from feed, seeds and foodstuffs. Keep out of direct sunlight. Storage must be generally in accordance with NZS8409 Management of Agrichemicals. See the HAZNOTE for further information.

Packaging materials: Aerosol canister

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Workplace Exposure Guidelines

Workplace exposure standards: Imazalil - none established

**Exposure Standards outside:
The workplace:** None established

Engineering measures

Exposure control measures: Provide general and/or local ventilation to control airborne levels.

Personal Protective Equipment

Detail specifications for equipment:

Respiratory system: None required if airborne concentrations are maintained at low levels. See Section 8.

Skin and body: Wear long sleeved shirt, long pants.

Hands: Use gloves chemically resistant (eg: nitrile or neoprene) when prolonged or frequently repeated contact could occur.

Eyes: Use safety glasses.

General hygiene: Do not eat, drink or smoke when using. Wash hands and face before meals and after work.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	Liquid
Colour:	Green
Odour:	Similar to ether
pH:	Not available
Vapour Pressure:	Not available
Vapour Density:	Not available
Boiling Point:	Not available
Freezing/melting point:	Not available
Solubility:	Not very soluble
Specific gravity or density:	0.820 kg/l (20°C)
Flashpoint:	> 50°C
Octanol/water partition coefficient:	Not available
Explosion properties:	Not available
Oxidation properties:	Not an oxidiser

10. STABILITY AND REACTIVITY

Stability:	Stable under normal conditions
Conditions to avoid:	Do not expose to a flame Do not expose to temperatures >50°C Protect from sun and other heating sources. Contents under pressure.
Materials to avoid:	None known
Hazardous decomposition Products:	Not expected.
Hazardous polymerization:	Will not occur.
Specific Data:	
Hazardous reactions :	

11. TOXICOLOGICAL INFORMATION

Acute toxicity – Oral :	LD ₅₀ >2000 mg/kg (rat)
Acute toxicity - Dermal :	LD ₅₀ >4000 mg/kg (rat)
Acute toxicity – Inhalation:	Not available.
Skin irritation :	Slight irritation is possible
Eye irritation:	Slight irritation is possible
Sensitization :	Not available.
Chronic toxicity	
Carcinogenicity:	No data available
Mutagenicity:	No data available
Reproduction toxicity:	No data available
Other information :	May cause organ damage if subject to persistent high oral doses.

12. ECOLOGICAL INFORMATION

Ecotoxicity	LC ₅₀ = 2.5 mg/litre, 96 hour (Rainbow Trout)
Fish	LC ₅₀ = 3.2 mg/litre , 96 hour (Bluegill sunfish)
Earthworms	Not available
Bees	Non toxic to bees.
Birds	Not available
Mobility Soil	Not available
Water	Will poison fish
Persistence/degradability Soil	Highly persistent in the soil with half life of 120-190 days. Soluble in water but strongly bound to soils and thus unlikely to contaminate ground water.
Water	Toxic in the aquatic environment.
Bioaccumulative potential :	

13. DISPOSAL CONSIDERATIONS

Methods of disposal :	Triple rinse container and add residue to spray tank. Burn if permitted and circumstances, especially wind direction
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permit, otherwise bury in landfill.

14. TRANSPORT INFORMATION - International transport regulations

UN number:	1950
Class or Division:	2.1
Packing Group:	III
Marine Pollutant:	No
Proper shipping name :	Aerosol flammable N.O.S
INTERNATIONAL AIR TRANSPORT ASSOCIATION (IATA):	2.1

15. REGULATORY INFORMATION

ACVM Registered Number:	P4596
HSNO Approval Code:	HSR000619

16. OTHER INFORMATION

Additional information:	Original Issue Date: 21 December 2005
	Revision Date: N/A
	Replaces: N/A

EXCLUSION OF LIABILITY: PLEASE READ

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