

MATERIAL SAFETY DATA SHEET



DIURON 500 SC HERBICIDE

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4 FARMERS PTY LTD

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AUSTRALIA

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MSDS NO. 56349

I PRODUCT IDENTIFICATION

Product Name 4FARMERS DIURON 500 SC HERBICIDE

Other Names: None
Manufacturer's Code None
U.N. Class and Number: None allocated
Australian Code for Transport of Dangerous Goods by Road None allocated
Poisons Schedule: Schedule 5
Hazchem Code: None
Use Agricultural Herbicide for a wide range of crops

PHYSICAL DESCRIPTION/PROPERTIES

Appearance: Thick white liquid. (suspension of fine particles in water)
Specific Gravity: Approx 1.1 – 1.2
Flash Point; Not flammable
Solubility: Miscible, suspended product disperses.
Corrosiveness Not corrosive
Vapour Pressure: Diuron @ 1 mPa

Ingredients

Chemical Entity	CAS No	Proportion (g/kg)
Diuron (Active ingredient)	330-54-1	50%
Ethylene oxide surfactant/dispersants	-	≅ 10%
Water		To 100%

II HEALTH HAZARD INFORMATION

Health Effects

Ingestion:	Practically non-toxic. The LD ₅₀ values rats 3400, rabbits >2000 mg/kg. Toxicity - This product is slightly hazardous (WHO Hazard Class III) Swallowed: LOW TOXICITY
Skin Contact / Absorption:	NON IRRITANT (Based on tests with guinea pigs) Dermal absorption: LOW TOXICITY
Eye Contact:	Mild eye irritant.
Inhalation:	Low risk. Only applicable if concentrate is allowed to dry. May then pose a moderate risk.
Poisoning Symptoms:	No case of human poisoning due to this product is on record. The poisoning symptoms observed in experimental animals were non-specific. <i>CHRONIC</i> (Active ingredient) -Chronic toxicity and/or oncogenicity studies were conducted on diuron in rats, mice and dogs. Diuron technical has been extensively tested on laboratory mammals and in test-tube systems. No evidence of mutagenic, teratogenic or reproductive effects was obtained.

EMERGENCY AND FIRST AID PROCEDURES

First Aid

Ingestion:	DO NOT INDUCE VOMITING. Contact a doctor or hospital. Poisons information centre 131126.
Inhalation:	Move affected person to fresh air and keep at rest until recovered.
Skin Contact:	Remove contaminated clothing and wash affected skin thoroughly with soap and water
Eye Contact:	Hold eyes open, flood with water for at least 15 minutes. Seek medical advice
Advice to Doctor	Treat symptomatically. Contact a Poisons Information Centre.

Poisons Information Centre Phone 131126

III PRECAUTIONS FOR USE

- Avoid contact with skin and eyes.
- Avoid breathing the dust.
- Avoid contamination of seed, animal feed and foodstuffs.

Exposure Limits: No exposure limit has been set. Observe default standard of 10 mg/l.

Ventilation: No special precautions required.

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Personal Protection:	Wear safety glasses when handling or during other activities where there is potential for eye contact. Wear full body clothing and impervious gloves to prevent skin contact. Remove contaminated clothing promptly. Launder clothing and wash protective equipment before re-use.
Flammability:	Non-flammable, combustible.

IV *SAFE HANDLING INFORMATION*

Storage and Transportation:	Stable under normal storage conditions. Keep in the original container in a cool, dry, well-ventilated areas out of direct sunlight
Spills and Disposals:	<ol style="list-style-type: none">(1) Keep all bystanders away.(2) Wear goggles, half face-piece respirator with combined dust and vapour cartridge, full-length waterproof clothing and elbow-length PVC gloves.(3) Reposition any leaking containers so as to minimize leakage.(4) Dam and absorb spill with an absorbent material (e.g. sand or soil).(5) Shovel the absorbed spill into drums.(6) Disposal of the absorbed material will depend upon the extent of the spill. For quantities up to 50L of product bury in a secure landfill site. For quantities greater than 50L seek advice (use emergency contact number below) from the manufacturer before attempting disposal. Contain in a secure location until disposal method is established.(7) Decontaminate spill area with detergent and water and rinse with the smallest volume of water practicable.
Fire and Explosion Hazards:	This product is non-flammable and non-explosive. Product is not combustible. Extinguish warehouse and factory fires using fine water-spray or foam. Do not allow fire-water to enter drains.

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**Environmental
Toxicity
Information:**

Diuron technical is practically non-toxic to birds, fish or bees. Diuron is very damaging to plants, including established, mature trees. Treatment of spills should be meticulous if near desirable trees, especially eucalypts. Diuron is quite persistent in soil, especially at high concentrations.

Edited by Terry Piper, Product Support & Development, 05/2004

In emergency, contact:-

ACOHS

**Australian Centre for Occupational Health and Safety
1800 638 556 (24 hours)**

Police and Fire Brigade: Dial 000

National Poisons Information Centre: Dial 131126 (from anywhere in Australia)

FOR ADDITIONAL NON-EMERGENCY INFORMATION CALL

4 FARMERS PTY. LTD.

Telephone: (08) 9356 3445 0427 or 0427 563 445

Freecall 1800 038 445,

Facsimile: (08) 9356 3447

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AUSTRALIA

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NOTE: The physical data are typical values based on material tested but may vary between samples. Values should not be construed as a guaranteed analysis of any specific lot or as specifications for the product.