

MATERIAL SAFETY DATA SHEET



Propyzamide Herbicide

4FARMERS PTY LTD

ACN 067 443 485

643 Murray Street
West Perth WA 6005
AUSTRALIA

Phone: (08) 9356 3445

Fax: (08) 9356 3447

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MSDS No. 52903

PRODUCT IDENTIFICATION

Product Name 4 FARMERS PROPYZAMIDE 500 HERBICIDE

Other Names: None
Manufacturer's Code None
U.N. Class and Number: None allocated
Australian Code for Transport of Dangerous Goods by Road: 6.1 (b) Packing group (III)
Poisons Schedule: Schedule 5
Hazchem Code: 2[Z]
Use Agricultural Herbicide.

Physical Description/Properties

Appearance: White – off white odourless powder.
Melting Point: 154°C
Solubility in Water Dispersible
Vapour pressure: <0.01 mm Hg @ 20°C

Ingredients

Chemical Entity	CAS No	Proportion (%)
Propyzamide (Pronamide)	23950-58-5	50-54
Ethylene glycol	107-21-1	2
Aluminium silicate dihydrate	1332-58-7	44-48
Sodium lignosulfonate	8061-51-6	Low
Related reaction products	None	Low
Octyl phenoxy polyethoxy ethanol	9036-19-5	Low
Silica, crystalline - Quartz	14808-60-7	1.25 MAX.

HEALTH HAZARD INFORMATION

Health Effects

Inhalation	Inhalation of dust can cause the following: - irritation of nose and throat
Eye Contact	Direct contact with material can cause the following: - possible irritation
Skin Contact	Prolonged or repeated skin contact can cause the following: - possible skin irritation
Delayed Effects	<p>Prolonged or repeated overexposure to ethylene glycol vapours may cause liver or kidney damage. Crystalline silica is listed by the National Toxicology Program (NTP) as a reasonably anticipated cancer-causing agent and by the International Agency for Research on Cancer (IARC) as a known cancer causing agent.</p> <p>Prolonged or repeated overexposure to component 7 can cause the following:- silicosis, a pneumoconiosis which causes scar tissue</p>

FIRST AID MEASURES

Inhalation	Move subject to fresh air.
Eye Contact	Flush eyes with a large amount of water for at least 15 minutes. Consult a physician if irritation persists.
Skin Contact	Wash affected skin areas thoroughly with soap and water. Consult a physician if irritation persists.
Ingestion	If swallowed, give 2 glasses of water to drink. Consult a physician. Never give anything by mouth to an unconscious person.
Advice to Doctor	If swallowed, careful evacuation of the stomach is advisable.

Poisons Information Centre Phone 13 1126

FIRE FIGHTING MEASURES

Flash Point	Not Applicable
Auto-ignition Temperature	428°C
Lower Explosive Limit	0.175 oz/ft ³ 175.193 g/m ³

Unusual Hazards

Pesticide particulates can become airborne.
Combustion generates toxic fumes of the following:
- hydrogen chloride - nitrogen oxides - carbon oxides
Dusts at sufficient concentrations can form explosive mixtures with air.

The minimum ignition temperature of dust cloud is 525°C.
The minimum ignition temperature of dust layer is 150°C.

Extinguishing Agents

Use the following extinguishing media when fighting fires involving this material: - carbon dioxide - dry chemical - water spray

Personal Protective Equipment

Wear self-contained breathing apparatus (pressure-demand MSHA/NIOSH approved or equivalent) and full protective gear.

Special Procedures

Contain run-off. Remain upwind. Avoid breathing smoke. Use water spray to cool containers exposed to fire.

ACCIDENTAL RELEASE MEASURES

Personal Protection

Appropriate protective equipment must be worn when handling a spill of this material. See SECTION 8, Exposure Controls/Personal Protection, for recommendations. If exposed to material during clean-up operations, see SECTION 4, First Aid Measures, for actions to follow. Remove all contaminated clothing promptly. Wash all exposed skin areas with soap and water immediately after exposure. Thoroughly launder clothing before reuse. Do not take clothing home to be laundered.

Procedures

Transfer spilled material to suitable containers for recovery or disposal. Keep dust to a minimum.
CAUTION: Keep spills and cleaning runoff out of municipal sewers and open bodies of water.

SAFE HANDLING INFORMATION

Storage Conditions

Do not store this material near food, feed or drinking water. The minimum recommended storage temperature for this material is 0C/32F. The maximum recommended storage temperature for this material is 50C/122F. Store in a dry area. Store out of direct sunlight in a cool place.

Handling Procedures

Do not handle material near food, feed or drinking water.

Avoid high concentrations of dust in air and accumulation of dust on equipment. An airborne dust of this material can create a dust explosion.

When handling and processing this material local exhaust ventilation may be required to control dust and reduce exposure to vapours. To prevent dust explosions employ bonding and grounding for operations capable of generating static electricity. Protect all equipment from explosions by following the guidelines in NFPA-68 and NFPA-69. For electrical equipment

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follow local codes and electrical classification NFPA-70 (the National Electrical Code), class II, division 2, group G.

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Other

Completely empty bag into application equipment. Dispose empty bag in a sanitary landfill or by incineration as allowed by state and local authorities. Avoid inhalation of smoke if incinerated.

Edited by John Holmes

Chief Agronomist

2/2002

FOR ADDITIONAL NON-EMERGENCY INFORMATION CALL

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