

Safety Data Sheet

Product Name: **Path Weeder RTU**

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Address: Suite 3,19/23 Clarinda Road, Oakleigh South, Victoria, AUSTRALIA, 3167
Telephone: (03) 9543 5600
Fax (03) 9543 5300
Emergency 13 11 26
Use(s) Non selective herbicide for the residual control of weeds in paths, driveways and tennis courts.
SDS Date 1st July 2013

2. HAZARDS IDENTIFICATION

Based on available information, not classified as hazardous according to criteria of Safe Work Australia.

Not classified as Dangerous Goods by the criteria of the Australian Dangerous Goods Code (ADG Code) for transport by Road and Rail.

Poisons Schedule

S5 Caution

UN No. Pkg	None Allocated	DG Class	None Allocated	Subsidiary Risk(s)	None Allocated
Group	None Allocated	Hazchem Code	None Allocated	EPG	None Allocated

3. COMPOSITION / INFORMATION ON INGREDIENTS

Ingredient	CAS No.	Content
SIMAZINE	122-34-9	0.9%
AMITROLE	61-82-5	0.5%
INERT FILLERS	-	<5%
AMMONIUM THIOCYANATE	1762-95-4	0.44%
WATER	7732-18-5	To 100%

4. FIRST AID MEASURES

For advice, contact a Poisons Information Centre (e.g. phone Australia 131 126; New Zealand 0800 764 766) or a doctor.

Eye

If in eyes, wash out immediately with water. In all cases of eye contamination it is a sensible precaution to seek medical advice.

Inhalation

If inhaled, remove victim from area of exposure. Avoid becoming a casualty. Seek medical advice if effects persist.

Skin

If skin contact occurs remove contaminated clothing and wash skin with soap and water. If irritation occurs, seek medical advice.

Ingestion

Rinse mouth with water. If swallowed, give a glass of water to drink. If vomiting occurs give further water. Seek medical advice.

Advice to Doctor

Treat symptomatically.

5. FIRE FIGHTING MEASURES

Hazards from combustion products

Non combustible material. Decomposes on heating emitting toxic fumes.

Precautions for fire fighters and special protective equipment.

Fire fighters to wear self-contained breathing apparatus and suitable protective clothing if risk of exposure to products of decomposition.

Extinguishing

Not combustible, however if material is involved in a fire use: Fine water spray, normal foam, dry agent (carbon dioxide, dry chemical powder).

6. ACCIDENTAL RELEASE MEASURES

Emergency Procedures

If contamination of sewers or waterways has occurred advise local emergency services.

Methods and Materials for containment and clean up

Wear protective equipment to prevent skin and eye contact. Contain and prevent run off into drains and waterways. Use absorbent (soil, sand or other inert material). Collect and seal in properly labelled containers.

7. STORAGE AND HANDLING

This material is a Scheduled Poison S5 and must be stored, maintained and used in accordance with the relevant regulations.

Storage

Store in a closed, original container in a dry, cool, well ventilated area out of direct sunlight. Store in a locked room or place away from children, animals, food, feedstuffs, seed and fertilisers.

Handling

Keep out of reach of children. Avoid skin and eye contact.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Occupational Exposure Limits

No value assigned for this specific material by the national Occupational Health and Safety Commission.

Ingredient	Reference	TWA		STEL	
		ppm	mg/m ³	ppm	mg/m ³
Amitrole	NOHSC (AUS)	--	0.2	--	--

As published by the National Occupational Health and Safety Commission.

TWA – The time-weighted average airborne concentration over an eight hour working day, five day working week and entire working life.

Carcinogen Category 3 substances suspected or having carcinogenic potential. The available information is not adequate for making a satisfactory assessment.

These Exposure Standards are guides to be used in the control of occupational health hazards. All atmospheric contamination should be kept to as low a level as is workable. These exposure standards should not be used as fine dividing lines between safe and dangerous concentrations of chemicals. They are not a measure of relative toxicity.

Engineering controls

Natural ventilation should be adequate under normal use conditions. Keep containers closed when not in use.

Personal Protective Equipment

Avoid contact with eyes and skin. After use and before eating, drinking or smoking, wash hands, arms and face thoroughly with soap and water.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	MILK COLOURED LIQUID	Solubility (water)	DISPERSIBLE IN WATER
Odour	MINIMAL	Specific Gravity	1.003
pH	NOT AVAILABLE	% Volatiles	NOT AVAILABLE
Vapour Pressure	NOT AVAILABLE	Flammability	NON FLAMMABLE
Vapour Density	NOT AVAILABLE	Flash Point	NOT RELEVANT
Boiling Point	100°C	Upper Explosion Limit	NOT RELEVANT
Freezing Point	NOT AVAILABLE	Lower Explosion Limit	NOT RELEVANT
Evaporation Rate	NOT AVAILABLE	Autoignition Temperature	NOT AVAILABLE

10. STABILITY AND REACTIVITY

Chemical Stability

Stable under recommended conditions of storage.

Conditions to Avoid

Avoid contact with foodstuffs. Avoid exposure to heat, sources of ignition and open flame.

Material to Avoid

Incompatible with oxidising agents.

Decomposition

Ammonia. Hydrogen chloride. Oxides of carbon. Oxides of nitrogen. Oxides of sulphur.

Hazardous Reactions

None known.

11. TOXICOLOGICAL INFORMATION

No adverse health effects expected if the product is handled in accordance with this Safety Data Sheet and the product label. Symptoms or effects that may arise if the product is mishandled and over exposure occurs are:

Inhalation

Breathing in mists or aerosols may produce respiratory irritation.

Ingestion

No adverse effects expected, however, large amounts may cause nausea and vomiting.

Skin

Irritant. Contact may result in irritation.

Eye

Irritant. Contact may result in irritation.

Toxicity Data

No LD50 data available for the product. However, for constituents:

Oral LD50 (rat): >10000mg/kg (amitrole); 500 – 10000 mg/kg (simazine)

Dermal LD50 (rat): >2500 mg/kg (amitrole); >2000mg/kg (simazine)

For amitrole: This material has been classified by the International Agency for Research on Cancer (IARC) as a group 2B. Group 2B – The agent is possibly carcinogenic to humans.

Long Term Effects

No Information available for the product

12. ECOLOGICAL INFORMATION

ECOTOXICITY

Avoid contaminating waterways.

13. DISPOSAL CONSIDERATIONS

Disposal Methods

Refer to local government authority for disposal recommendations.

14. TRANSPORT INFORMATION

NOT CLASSIFIED AS A DANGEROUS GOOD BY THE CRITERIA OF THE ADG CODE
NOT CLASSIFIED AS A DANGEROUS GOOD BY THE CRITERIA OF THE IMDG CODE
NOT CLASSIFIED AS A DANGEROUS GOOD BY THE CRITERIA OF THE IATA CODE

Shipping Name	None Allocated	DG Class	None Allocated	Subsidiary Risk(s)	None Allocated
UN no.	None Allocated	Hazchem Code	None Allocated	EPG	None Allocated
Pkg Group	None Allocated				

15. REGULATORY INFORMATION

Classification

Based on available information, not classified as hazardous according to criteria of Safe Work Australia.
Non Hazardous Substance.

Poisons Schedule

S5 Caution.

This product is registered in Australia by the Australian Pesticides & Veterinary Medicines Authority (APVMA).

16. OTHER INFORMATION

Additional Information

RESPIRATORS: In general the use of respirators should be limited and engineering controls employed to avoid exposure. If respiratory equipment must be worn ensure correct respirator selection and training is undertaken. Remember that some respirators may be extremely uncomfortable when used for long periods. The use of air powered or air supplied respirators should be considered where prolonged or repeated use is necessary

EXPOSURE STANDARDS – TIME WEIGHTED AVERAGE (TWA) or WES (WORKPLACE EXPOSURE STANDARD) (NZ):
Exposure standards are established on the premise of an 8 hour work period of normal intensity, under normal climatic conditions and where a 16 hour break between shifts exists to enable the body to eliminate absorbed contaminants. In the following circumstances, exposure standards must be reduced: strenuous work conditions; hot, humid climates; high altitude conditions; extended shifts (which increase the exposure period and shorten the period of recuperation).

ABBREVIATIONS

ADB	Air-Dry Basis
BEI	Biological Exposure Indices
CAS#	Chemical Abstract Service Number – use to uniquely identify chemical compounds.
CNS	Central Nervous System
EINECS	European Inventory of Existing Commercial chemical Substances
IARC	International Agency for Research on Cancer
M	moles per litre, a unit of concentration
Mg/m ³	Milligrams per cubic metre
NOS	Not Otherwise Specified
NTP	National Toxicology Program
OSHA	Occupational Safety and Health Administration
pH	Relates to hydrogen ion concentration using a scale of 0 (highly acidic) to 14 (highly alkaline)
ppm	Parts Per Million
RTECS	Registry of Toxic Effects of Chemical Substances
TWA/ES	Time Weighted Average or Exposure Standard

HEALTH EFFECTS FROM EXPOSURE:

It should be noted that the effects from exposure to this product will depend on several factors including: frequency and duration of use; quantity used; effectiveness of control measures; protective equipment used and method of application. Given that it is impractical to prepare a report which would encompass all possible scenarios, it is anticipated that users will assess the risks and apply control methods where appropriate.

PERSONAL PROTECTIVE EQUIPMENT GUIDELINES

The recommendation for protective equipment contained within this report is provided as a guide only. Factors such as method of application, working environment, quantity used, product concentration and the availability of engineering controls should be considered before final selection of personal protective equipment is made.

Disclaimer

This document is based on information concerning the product which has been provided to BGP by the manufacturer or obtained from third party sources and is believed to represent the current state of knowledge as to the appropriate safety and handling precautions for the product at the time of issue.

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