

POISON

KEEP OUT OF REACH OF CHILDREN
READ SAFETY DIRECTIONS BEFORE OPENING OR USING

TITAN

AMINE 450

HERBICIDE

ACTIVE CONSTITUENT: 450g/L 2,4-D present as the ISOPROPYLAMINE SALT

GROUP 4 HERBICIDE



For the control of emerged broadleaf weeds prior to sowing crops and pastures in conservation tillage situations and for selective weed control in crops and situations detailed in the Directions for Use.

THIS IS A PHENOXY HERBICIDE THAT CAN CAUSE SEVERE DAMAGE TO NATIVE VEGETATION AND SUSCEPTIBLE CROPS SUCH AS COTTON, GRAPES, TOMATOES, OILSEED CROPS AND ORNAMENTALS.

APVMA Approval No.: 87499/128250

Pack Size: 20L-1000L



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IN A TRANSPORT EMERGENCY

DIAL 000

POLICE OR FIRE BRIGADE

TRANSPORT AND HANDLING
NOT A DANGEROUS GOOD
ACCORDING TO THE AUSTRALIAN
DANGEROUS GOODS (ADG) CODE
FOR TRANSPORT BY ROAD AND RAIL

DIRECTIONS FOR USE:

- Restrictions:** DO NOT exceed maximum application rate of 10L/ha (4500 gae/ha).
 DO NOT exceed the maximum daily application rate by backpack spraying of 8.9L of product per day.
 DO NOT apply if heavy rains or storms are forecast within 3 days.
 DO NOT irrigate to the point of run-off for at least 3 days after application.
 DO NOT apply if crop or weeds are stressed due to dry or excessively moist conditions.

Timing and Usage Restriction Tables

Appendix 1: Timing restrictions for spraying peanuts			
Situation	Rate (L/ha)	Region	Timing Restriction
			DO NOT APPLY DURING THE MONTHS
Broadcast spraying, prior to sowing (peanuts)	Up to 1.9L/ha	Cape York	October and November
		Northern Gulf	October and November
		Northern Territory	October and November
		Wet Tropics	No timing restrictions
		Burdekin	October
		Mackay/Whitsunday	September to December
		Mary/Burnett	October to November
	SE Queensland	August to May	
	Up to 2.4L/ha	Cape York	October and November
		Northern Gulf	October and November
		Northern Territory	October and November
		Wet Tropics	No timing restrictions
		Burdekin	October
		Mackay/Whitsunday	August to December
Mary/Burnett		September to November	
SE Queensland	Use not supported		
Fallow band spray prior to sowing (peanuts)	Up to 2.5L/ha	Queensland dryland	No timing restrictions
		Cape York	No timing restrictions
		Northern Gulf	October and November
		Northern Territory	October and November
		Wet Tropics	No timing restrictions
		Burdekin	No timing restrictions
		Mackay/Whitsunday	No timing restrictions
		Mary/Burnett	No timing restrictions
		SE Queensland	October to January
		Broadcast spray, post-sowing pre-emergence (peanuts)	Up to 5L/ha
Cape York	October and November		
Northern Gulf	October and November		
Northern Territory	October and November		
Wet Tropics	October to December		
Burdekin	September and October		
Mackay/Whitsunday	August to December		
Mary/Burnett	April to January		
SE Queensland	Not supported		

Appendix 2: Application and timing restrictions for application to pastures					
DO NOT apply above maximum rate (L/ha) below OR label rate, whichever is LOWEST.					
	State	Summer	Autumn	Winter	Spring
Pastures (prior to sowing, conservation tillage)	Queensland & NT	7.1	7.1	7.1	7.1
	New South Wales & ACT	7.1	7.1	7.1	7.1
	Victoria	0.8	2.3	7.1	2.3
	Tasmania	0.8	1.7	4.9	2.3
	South Australia	1.6	2.3	7.1	4.9
	Western Australia	2.3	4.9	7.1	4.9
	State	Summer	Autumn	Winter	Spring
	Pastures (established)	Queensland & NT	10	10	10
Pastures (established)	New South Wales & ACT	10	10	10	10
	Victoria	1.3	2.7	10	5
	Tasmania	0.9	2.3	7.1	4.4
	South Australia	2	4.4	10	7.1
	Western Australia	5	7.1	10	7.1

Appendix 3: Timing restrictions for spraying SUGARCANE		
Rate (L/ha)	Region	Timing Restriction
		DO NOT APPLY DURING THE MONTHS
Up to 2.4L/ha	Wet Tropics	No timing restriction
	Burdekin	No timing restriction
	Mackay/Whitsunday	October to November
	Mary/Burnett	October to November
	Northern NSW	No timing restriction
Up to 4.9L/ha	Wet Tropics	October to December
	Burdekin	September to October
	Mackay/Whitsunday	August to December
	Mary/Burnett	April to January
	Northern NSW	October to November

Appendix 4: Application restrictions for TURF		
DO NOT apply above maximum rate (L/ha) below OR label rate, whichever is LOWEST.		
	State	Rate (L/ha)
TURF	Queensland & NT	4.4
	New South Wales & ACT	4.4
	Victoria	3.5
	Tasmania	3.5
	South Australia	3.5
	Western Australia	5.6

If applying to golf courses in Tasmania, DO NOT apply to fairways adjacent to natural water bodies.

Appendix 5: Risk mitigation measures for Dryland cropping, pre-emergent uses	
Situation	Risk mitigation measures
Dryland cropping, preparatory spray	Only apply in no-till farming systems (Tasmania, South Australia)
Winter cereals, pre-emergence uses	Only apply in no-till farming systems (Tasmania, South Australia, Western Australia)
Summer cereals, pre-emergent uses	Only apply in no-till farming systems (Tasmania, South Australia)

SPRAY DRIFT RESTRAINTS

DO NOT apply by a vertical sprayer.

Specific definitions for terms used in this section of the label can be found at apvma.gov.au/spraydrift

DO NOT allow **bystanders** to come into contact with the spray cloud.

DO NOT apply in a manner that may cause an **unacceptable impact to native vegetation, agricultural crops, landscaped gardens and aquaculture production**, or cause contamination of plant or livestock commodities, outside the application site from **spray drift**. The buffer zones in the relevant buffer zone tables below provide guidance but may not be sufficient in all situations. Wherever possible, correctly use application equipment designed to reduce spray drift and apply when the wind direction is away from these sensitive areas.

DO NOT apply unless the **wind speed** is between 3 and 20 kilometres per hour at the **application site** during the time of application.

DO NOT apply if there are **hazardous surface temperature inversion** conditions present at the application site during the time of application. **Surface temperature inversion conditions** exist most evenings one to two hours before sunset and persist until one or two hours after sunrise.

BOOM SPRAYERS

DO NOT apply by a boom sprayer unless the following requirements are met:

- Spray droplets not smaller than a VERY COARSE **spray droplet size category**.
- Minimum distances between the **application site** and downwind **sensitive areas** (see 'Mandatory downwind buffer zones' section of the following table titled 'Buffer zones for boom sprayers') are observed.

Buffer Zones for Boom Sprayers						
Application rate (/ha)	Boom Height above target canopy	Mandatory buffer zones (distances given in metres)				
		Bystander Areas	Natural Aquatic Areas	Pollinator Areas	Vegetation Areas	Livestock Areas
Up to 1L (450g a/ha)	0.5m or lower	0 metres	5	0 metres	5	0 metres
	1.0m or lower		35		30	
Up to 2L (900g ae/ha)	0.5m or lower		25		20	
	1.0m or lower		50		50	
Up to 3L (1350g ae/ha)	0.5m or lower		30		30	
	1.0m or lower		70		70	
Up to 4L (1800g ae/ha)	0.5m or lower		35		35	
	1.0m or lower		90		85	
Up to 5L (2250g ae/ha)	0.5m or lower		40		35	
	1.0m or lower		110		110	

AIRCRAFT

DO NOT apply by aircraft unless the following requirements are met:

- Spray droplets not smaller than a Very Coarse **spray droplet size category**.
- For maximum release height above the target canopy of 3 metres or 25% of wingspan or 25% of rotor diameter, whichever is the greatest, minimum distances between the application site and downwind sensitive areas (see 'Mandatory buffer zones' section of the following table titled 'Buffer zones for aircraft') are observed.

BUFFER ZONES FOR AIRCRAFT						
Application rate (/ha)	Aircraft Type	Mandatory buffer zones (distances given in metres)				
		Bystander Areas	Natural Aquatic Areas	Pollinator Areas	Vegetation Areas	Livestock Areas
Up to 1L (450g ae/ha)	Fixed Wing	0 metres	100	0 metres	100	0 metres
	Helicopter		75		75	
Up to 2L (900g ae/ha)	Fixed Wing		160		160	
	Helicopter		110		110	
Up to 3L (1350g ae/ha)	Fixed Wing		210		210	
	Helicopter		150		140	
Up to 4L (1800g ae/ha)	Fixed Wing		275		250	
	Helicopter		180		170	
Up to 5L (2250g ae/ha)	Fixed Wing		325		300	
	Helicopter		200		200	

Table 1. Pre-sowing: FALLOWS, STUBBLE SPRAY PRIOR TO DIRECT DRILLING OR SOWING					
CROP	TARGET WEEDS	STATE	RATE (/ha)	CRITICAL COMMENTS	USAGE RESTRICTIONS
Cereals: Wheat, Barley, Oats, Triticale, Rice, Sorghum Grain legumes: Chickpeas, Faba Beans, Field Peas, Lentils, Lupins, Narbon Beans, Navy Beans, Persian Clover Oilseeds: Canola, Cotton, Linseed, Safflower, Soybeans, Sunflower Pastures: Balansa Clover, Lucerne, Perennial Ryegrass, Phalaris, Sub-Clover, Vetch, White Clover, Persian Clover	Fumitory (white), Ball Mustard, Indian Hedge Mustard, Common Sowthistle, Turnip Weed, Wild Turnip, Wild Radish	ALL STATES	440-800mL + Glyphosate 450g/L & surfactant at recommended label rates	RATE SELECTION: Use the lower rate for seedling broadleaf weeds and increase to the higher rate for broadleaf weeds more than 10cm diameter/high. Always add Glyphosate 450g/L herbicide at recommended label rates. At the time of application all weeds must be actively growing and not under stress from low moisture, frost, cold, disease or water-logging. If grazing has occurred allow regrowth to 6-8cm before spraying and use higher rate. Always add either a non-ionic surfactant or an acidifying surfactant in accordance with label directions on the Glyphosate 450g/L herbicide product. Use acidifying surfactant with the Glyphosate 450g/L herbicide if insecticides will be included in the tank mixture or if faster brownout of weeds is required.	USAGE RESTRICTIONS APPLY: See Appendix 5: Risk mitigation measures for Dryland cropping, pre-emergent uses.
	Seedlings of: Australian Bindweed, Belvine, Caltrop, New Zealand Spinach, Raspweed	QLD, NSW only			
	Ageratum (Blue Top), Dock, Volunteer Lupins, Volunteer Peas, Volunteer Sunflowers, Charlock, Fumitory (Red), Medic, Paterson's Curse, Prickly Lettuce (Wild Lettuce), Saffron Thistle, Spear Thistle, Variegated Thistle	ALL STATES	600-800mL + Glyphosate 450g/L & surfactant at recommended label rates		
	Bathurst Burr, Blackberry Nightshade, Californian Burr, Horehound Seedlings, Lincoln Weed Seedlings, Marshmallow Seedlings, Sorrel Seedlings, Thornapple, Volunteer Vetch, Volunteer Safflower, Common Ice- Plant, Storksbill/Erodium Seedlings, Ivyleaf, Speedwell, Melilotus, Shepherd's Purse, Skeleton Weed (Suppression only), Ward's Weed, Wireweed Seedlings (Hogweed), White Clover, Sub-Clover	ALL STATES	800mL-1.2L + Glyphosate 450g/L & surfactant at recommended label rates		
	Amaranth, Apple of Peru, Mexican Poppy, Annual Ground Cherry, Baldder Ketmia, Fat Hen, Melons, Native Rosella, Noogoora Burr, Potato Weed, Cow Vine, Yellow Vine, Rapeseed	QLD, NSW, ACT only	1.2-1.8L + Glyphosate 450g/L & surfactant at recommended label rates		
Winter Cereal, Maize, Sweetcorn, Peanuts	Refer to weed table	QLD, NSW, ACT, VIC, NT only	VIC: 310mL-1.9L QLD, NSW, ACT: 800mL-2.3L	Observe plant back periods given in the table on this booklet. Can be mixed with chlorsulfuron, metsulfuron or paraquat when grasses are present. For Skeleton Weed spraying should be done 6-8 weeks before sowing & subsequent cultivation limited to a minimum.	USAGE RESTRICTIONS APPLY: See APPENDIX 1: Timing restrictions for spraying peanuts and APPENDIX 5: Risk mitigation measures for Dryland cropping, pre-emergent uses.
Pastures: Conservation tillage, Direct drilling, Surface sowing or Fallow maintenance	Charlock, Mustards, Shepherd's Purse, Saffron, Slender, Spear & Variegated Thistles, Turnip Weed, Wild Radish, Wild Turnip	ALL STATES	730mL-2.2L	Apply to actively growing young weeds before sowing. Observe plant back periods.	USAGE RESTRICTIONS APPLY: See APPENDIX 2: Application and timing restrictions for application to pastures.
	Clover, Sorrel	ALL STATES	1.5L plus 280-400mL Dicamba 500g/L	Apply to actively growing plants in autumn. DO NOT sow pasture seed for at least 30 days after application.	
Table 2. Post-sowing – PRE- AND POST-EMERGENT USES					
CROP	TARGET WEEDS	STATE	RATE (/ha)	CRITICAL COMMENTS	USAGE RESTRICTIONS
Wheat, Barley, Cereal Rye, Triticale, Oats	Refer to weed table	QLD, NSW, ACT, VIC, TAS, SA only	450mL-1.9L Refer to weed table for specific rates in each state	Apply after the first node can be felt at the base of a tiller and before swelling of the head can be felt in a tiller (NSW, ACT, SA only). Apply from tillering to boot stage (Vic only). Apply from mid-tillering to before boot stage (Qld only). Apply at 5 leaf to fully tillered (Tas only).	
Cereals: Wheat, Oats, Barley	Cape Tulip	WA only	930mL-1.7L	Apply from the 5 leaf stage up to jointing stage (Zadoks 15-33). Apply after the 6 leaf stage (Z 16) for Cranbrook, Jacup, Aroona and Spear Wheat and Mortlock Oats to avoid possible damage. DO NOT spray if Lucerne is present. WEED STAGE: 10-15cm. Docks should be sprayed before 5 leaf stage. Cape Tulip – low rate for Cormils only.	
	Dock, Saffron Thistle		1.5L		
	Indian Hedge Mustard, London Rocket, Lupin, Rapistrum, Wild Radish		1.1L		
	Wild Turnip		930mL		

Table 2. Post-sowing – PRE- AND POST-EMERGENT USES – continued					
CROP	TARGET WEEDS	STATE	RATE (/ha)	CRITICAL COMMENTS	USAGE RESTRICTIONS
Cereals: Wheat, Oats, Barley – continued	Capeweed, Doublegee, Erodium, London Rocket, Lupin, Mustard, Rapistrum, Wild Radish, Wild Turnip	WA only	250mL plus 277g Diuron 900 Herbicide	Apply when crop has 4-5 leaves and most weeds have germinated and are in 2-5 leaf stage. Crop and weeds should be dry at time of application. Some temporary yellowing of crop may occur after application. Undersown Sub-clovers may be slightly retarded. DO NOT apply to undersown Medics.	
Sugarcane	Bindy Eye (Star Burr), Blue Top, Cobblers Pegs, Fleabanes, Jute, Leucas, Needle Burr, Spear Thistle, Water Primrose, Ipomea Vines, Convolvulus Vines	QLD, NSW only	2.4-4.9L	Add 170mL of surfactant 600g/L to 100L of spray mixture. Agitate well. DO NOT USE on Q63, Q67, Q80 or Q96 varieties.	USAGE RESTRICTIONS APPLY: See APPENDIX 3: Timing restrictions for spraying SUGARCANE
	Chinese Mint, Blue Snakeweed	QLD, NSW only	4.9L		
Maize, Sweetcorn	Refer to weed table	NSW, ACT, SA only	800mL-1.5L	Apply when crop is 10-20cm high and secondary roots are developing for an over the top spray. When crop is between 20cm high and just before tasselling, spray with droppers into the whorl and on upper leaves.	
		QLD only	800mL-1.2L	Apply when crop is 10-30cm high and secondary roots have developed. Use drop nozzles and direct spray when crop exceeds 30cm in height and before tasselling.	
		TAS only	800mL-1.5L	Apply when the crop is 15-30cm high. Do not spray if the crop is showing signs of stress. Some leaf twisting may occur following application – crop recovers quickly.	
Sorghum	Refer to weed table	NSW, ACT, VIC, SA only	800mL-1.5L	Apply preferably when crop is at 3-6 fully expanded leaf stage but can be sprayed from 2-8 leaf stage. From 6 leaf stage onwards to within 2 weeks of flowering, crop can be sprayed with dropped nozzles to avoid chemical being sprayed into the whorl and on upper leaves.	
		QLD only (except central QLD)	800mL-1.2L	Apply when crop has 4-8 fully expanded leaves & secondary roots have developed.	
Millet	Refer to weed table	NSW, ACT, VIC, SA only	800mL-1.5L	Spray when secondary roots have developed, when fully tillered & before heads start to form at base on tillers.	
		QLD only	800mL-1.2L	DO NOT use on Panorama Millet or Panicum.	
Maize, Sweetcorn, Saccaline, Broom Millet, Millet	Cape Tulip, Dock, Saffron Thistle, Indian Hedge Mustard, London Rocket, Lupin, Rapistrum, Radish, Wild Turnip	WA only	1.5L	Spray when crop is 10-30cm high & secondary roots have developed & before tasselling. Apply as direct spray to weeds.	
Grain Sorghum				Apply when crop is 12cm high. DO NOT apply between tassel & dough stage. Avoid spraying in flower.	
Peanuts	Broadleaf Weeds except Noogoora Burr Grasses except Mossman Burr	QLD, NT only	2.4L or 5L	LOWER RATE: Apply as a BAND SPRAY as soon as possible after planting in a 55cm band. HIGHER RATE: Apply as an OVERALL SPRAY after planting and before crop emergence. Some crop damage may occur if heavy rain falls between application & crop emergence.	USAGE RESTRICTIONS APPLY: See APPENDIX 1: timing restrictions for peanuts.

Table 3. PASTURES AND NON-AGRICULTURAL USE

CROP	TARGET WEEDS	STATE	RATE (/ha)	CRITICAL COMMENTS	USAGE RESTRICTIONS
Pastures and non-agricultural	Refer to weed table	QLD, NSW, TAS, SA only	730mL-2.3L	Pasture legumes including lucerne, clovers and medics may be damaged unless well protected by grasses. Spot spraying is preferred.	USAGE RESTRICTIONS APPLY: See APPENDIX 2: Application and timing restrictions for application to pastures
	Amsinckia, Docks, Bindweed, Caltrop, Flatweed, Spear Thistle, Capeweed, Doublegee, Saffron Thistle, Mustard, Wild Radish, Wild Turnip, Annual Thistles, Paterson's Curse	WA only	1.5L	For pastures not containing legumes. Only seedling docks, spear thistles and saffron thistle will be controlled.	
	Afghan Melons		2.2L + 1% crop oil	Spray when plants are actively growing preferably before flowering or vining.	
	Paddy Melons		1.1-1.5L		
	Prickly Saltwort		2.2L	Spray when plants are small.	
	Stinkwort		2.2-4.4L plus surfactant	Best results are obtained when plants are small. Use high rate on larger plants.	
	Dove Weed		4.4L	Spray after good emergence of seedlings.	
Pastures, Rights of Way & Industrial	Boxthorn, Boneseed, Hawthorn		VIC, SA only	110mL/10L water	Spot spraying. For boneseed only, thoroughly wet plants or seedlings.
Groundsel		QLD, NSW, ACT, SA only	1.3L/15L water	Misting: Lightly wet plants.	
			400mL/100L water	High Volume: Thoroughly wet plants.	
			330mL/15L water	Cut Stump: Swab the cut stump within one hour of cutting. Apply by a pouring can or knapsack spray.	
			4-6.1L	Aerial Application: Spray when actively growing.	
	Lantana		400mL in 100L water/ha	Use a Very Coarse spray with sufficient pressure to penetrate canopy and wet stems as well as foliage. Spray at the end of a wet summer (March to May). Defoliation should occur but respraying of new growth will be necessary in the following autumn. Broadcast grass seed and keep stock off following summer to allow the pasture to establish. Damage may result to pasture legumes.	
	Mother of Millions	NSW, ACT only	550mL/100L water	Hand gun and Knapsack only: A thorough coverage of leaves and plantlets is necessary. Use a non-ionic surfactant (100%) at the rate of 1.0mL of surfactant per 1L of mixture.	
	Noogoora Burr, Weir Vine (Ipomea), Scarlet Pimpernel (seedlings only), White Eye (Mexican Clover)	QLD only	220mL/100L water	In all cases apply to young, actively growing weeds ensuring thorough coverage.	
	Annual & Perennial Pigweed, Artichoke Thistle, Bathurst Burr, Billygoat Weed, Blue Snake Weed, Burr Medic, Clockweed ¹ , Fleabanes, Galvanised Burr, Hemlock, Hoary Cress, Kyalinga Weed (Whisker Grass) ² , Knobweed, Milky Cotton Bushes, Parthenium Weed, Paterson's Curse, Saffron Thistle, Star Burr, Thornapple, Variegated Thistle ¹		400mL/100L water	1 Spray rosette stage. 2 Repeat spraying if necessary.	
Rubber Vine	220mL/10L water		Apply to freshly cut stump.		
Lawns/Turf	Refer to weed table	QLD, WA only	2.3-4.5mL/1L water	Wet foliage thoroughly.	USAGE RESTRICTION APPLY: See APPENDIX 4: Application restrictions for TURF

Table 4. PASTURES – SPRAY / GRAZE TECHNIQUES

	Precaution: An increased quantity of poisonous plants may be eaten by stock using spray-graze eg. Caltrop, Capeweed, Paterson's Curse and Variegated Thistle and deaths could result from causes such as nitrate poisoning. With Paterson's Curse, preferably graze stock soon destined for slaughter and avoid extended period of grazing. Avoid grazing with young or breeding stock. DO NOT graze horses or pigs on Paterson's Curse.				
CROP	TARGET WEEDS	STATE	RATE (/ha)	CRITICAL COMMENTS	USAGE RESTRICTIONS
Pastures – Spray / Graze Techniques	Docks	VIC only	1.5L	Apply in September only and follow other recommendations above.	USAGE RESTRICTIONS APPLY: See APPENDIX 2: Application and timing restrictions for application to pastures
	Amsinckia, Thistles, Capeweed, Doublegee, Mustard, Paterson's Curse, Wild Turnip, Wild Radish, Docks, Geranium, Erodium	SA only	730mL	Apply from 6 weeks after opening rains in autumn until the end of August. Seven days after spraying, stock paddock at 4-5 times normal rate, preferably with sheep. Maintain this level of grazing for 6 weeks or until pastures show signs of over grazing. Then return to normal stocking levels. Use high stocking rates in following spring to prevent weeds from flowering. Repeat treatments may be required for 2-3 years for complete control.	
	Annual Thistles, Capeweed, Doublegee, Mustards, Paterson's Curse, Turnip, Saffron Thistle, Spear Thistle	VIC, TAS only	730mL	Apply from 6 weeks after opening rains in autumn until the end of August. Seven days after spraying, stock paddock at 4-5 times normal rate, preferably with sheep. Maintain this level of grazing for 6 weeks or until pasture shows signs of over grazing. Then return to normal stocking levels. Use high stocking rates in following spring to prevent weeds from flowering. Repeat treatments may be required for 2-3 years for complete control.	
	Amsinckia, Docks (seedling only), Capeweed, Doublegee, Mustard, Wild Radish, Wild Turnip, Paterson's Curse, Annual Thistles	WA only	870mL	Apply to saffron thistle at the end of September when plants are running up to flower. Sub-clovers may be damaged at this rate and use is not recommended for all medic pastures.	
	Spear Thistle, Saffron Thistle		1.7L	Heavy stocking on young plants sprayed with 750mL/ha provides effective control.	
	Melons		2.2L	Spray actively growing 6-8 week old weeds. Introduce stock 7-10 days after spraying, preferably sheep (cattle are less effective). Stocking rate should be at least 5 times heavier than normal until weeds have been reduced, but before survival of desirable pasture species is threatened. Lucerne and medics may be damaged and should be grazed short before spraying. Other legumes may be affected.	
	Caltrop, Capeweed, Charlock, Mustards, Paterson's Curse, Shepherd's Purse, Saffron, Slender, Spear or Variegated Thistle, Turnip Weed, Wild Radish, Wild Turnip	NSW, ACT only	400mL-1.5L		

Table 5. OTHER USES

APPLICATION METHOD	CROP	TARGET WEEDS	STATE	RATE (/ha)	CRITICAL COMMENTS	USAGE RESTRICTIONS
Harvest aid or Salvage spray	Winter cereals, Maize & sorghum	Dessicate broadleaf weeds Refer to weed table	QLD, NSW, ACT only	1.7-2.3L	Apply after dough stage.	No usage restrictions
Spot Spraying	High Volume Spraying	Refer to weed table	ALL STATES	Add 1/10th of rate on weed table to 150L of water. Each 150L of mix will cover 1000m ² (1/10th ha) e.g. if rate in weed table is 1.5L use 150mL/150L water.		
	Knapsack application			Add 1/100th of rate on weed table to 10L of water. Each 10L of mix will cover 100m ² (1/100th ha) e.g. if rate in weed table is 1.5L use 15mL/10L water.		

FALLOW			
SITUATION	PURPOSE	APPLICATION RATE	CRITICAL COMMENTS
Preparatory spray for fallow / clear felled <i>Pinus elliotii</i> plantations prior to replanting pine seedlings	Control of groundsel, unwanted seedlings of previous crop ("wildings") and other susceptible broadleaf weeds listed on the product label	Up to 6L/ha with label rates of glyphosate as required	Refer to label precautions. Minimum plant-back period of 14 days. All application is to comply with Forests NSW Manual for the Use of Herbicides. Persons applying pesticides by aircraft in NSW must hold a current NSW pilot (pesticide rating) licence and be employed or engaged by the holder of an aircraft (pesticide applicator) licence.
HARDWOOD & SOFTWOOD PLANTATIONS			
SITUATION	WEEDS	APPLICATION RATE	CRITICAL COMMENTS
Hardwood & Softwood Plantations	Broadleaf and woody weeds as per product labels including Grounsel and <i>Pinus</i> spp. wildings	Maximum rate 2.2L/ha	Apply a single pre-plant application and/or a maximum of 2 post-plant applications using shielded sprayers within the first 2 years following planting. Apply using aircraft (rotary wing only) or ground based equipment. DO NOT spray over or into watercourses. Product may be mixed with glyphosate for pre-plant spray operations.
OIL TEA TREE			
CROP	WEEDS	APPLICATION RATE	CRITICAL COMMENTS
Oil Tea Tree	Weeds on label	Apply maximum of 1.5L/ha as per label directions	Apply as a shielded spray. Avoid contact with foliage, green stems, exposed non-woody roots, desirable plants and trees as severe injury or destruction may result. Apply following harvest as a blanket spray only after: <ul style="list-style-type: none"> • All residual tea tree foliage has been removed by mechanical shaving, or by using a burner, • No swollen buds are present on stumps. NOTE that buds can burst 8 days after harvest in summer and • Surface of cut stumps are dry before spraying commences.
	Purple Top (<i>Verbena bonariensis</i>)	Apply at 1.5L/ha plus 720g ai glyphosate/ha in tank mix	Apply as a shielded spray. Avoid contact with foliage, green stems, exposed non-woody roots, desirable plants and trees as severe injury or destruction may result.

NOT TO BE USED FOR ANY PURPOSE, OR IN ANY MANNER CONTRARY TO THIS LABEL UNLESS AUTHORISED UNDER APPROPRIATE LEGISLATION.

IN TASMANIA, THIS PRODUCT MAY ONLY BE USED FROM 15 APRIL TO 15 SEPTEMBER UNLESS OTHERWISE PERMITTED BY THE REGISTRAR OF PESTICIDES

WITHHOLDING PERIODS:

PASTURE, CEREAL CROPS: DO NOT GRAZE OR CUT FOR STOCK FOOD FOR 7 DAYS AFTER APPLICATION.

CROP HARVEST WITHHOLDING PERIOD: NOT REQUIRED WHEN USED AS DIRECTED.

WEED TABLE: The rates listed in the Weed Table below are spot spraying rates for use in crop or pasture, or for use where weeds only are present and no crop or pasture is involved.

Note: Where weeds are to be sprayed in a CROP or PASTURE (other than spot spraying) use only the rates given for the particular crop or situation indicated under the Directions for Use.

WEEDS CONTROLLED	APPLICATION RATE (PER HECTARE)							CRITICAL COMMENTS
	CROP						PASTURE	
	VIC	NSW	SA	QLD	TAS	WA	QLD, NSW, TAS, SA ONLY	
<i>Amaranthus</i> spp.	-	730mL-1.5L	-	1.2L	-	-	-	Spray young plants.
Apple of Peru	-	730mL-1.5L	-	1.2 L	-	-	-	Spray young plants. Susceptible when young.
Bathurst Burr	-	1.1-1.5L	-	1.2L	-	-	1.1-1.5L NOT SA	Spray seedlings only.
Blackberry Nightshade	-	730mL-1.5L	-	1.2L	-	-	-	
California Burr	-	1.1-1.5L	-	1.2L	-	-	1.1-1.5L NOT SA	Spray seedlings only.
Cape Tulip	-	-	-	-	-	930mL-1.7L	-	Low rate for cormils only.
Capeweed	1.9L	-	2.3L	-	1.9L	-	2.3-3.9L	Spray seedlings to rosette stage.
Caltrop	-	1.1-2.3L	-	1.2L	-	-	-	Moderately susceptible.
Charlock	730mL-1.1L	730mL-1.5L	730mL	-	1.9L	-	1.1-1.5L	Spray at rosette stage.
Clover	-	1.7L	-	-	-	-	-	
Common Ice Plant	-	-	1.5L	-	-	-	-	
Docks	1.9L	-	1.9L	1.9L	1.9L	1.5L	4.4L SA only	Spray at multiple leaf stage. Effective only on seedlings.
Fat Hen	-	800mL-2.3L	-	1.2L	1.9L	-	-	Spray pre-flowering.
Fumitory - red	-	-	2.3L	-	-	-	-	
Fumitory - white	1.1L	-	730mL	-	-	-	-	Spray at multiple leaf stage.
Hexham Scent / Melilotus	1.9L	-	1.5L	1.9L	-	-	1.5-2.3L	Spray at multiple leaf stage, before seeding.
Hoary Cress	1.2-1.9L	1.5-2.3L	1.9L	1.9L	-	-	1.9-2.3L	Spray rosettes and pre-flowering.
Hogweed / Wireweed	1.9L	-	-	1.9L	-	-	-	Spray at multiple leaf stage (VIC). Spray at seedling and young plant stage (QLD).
Horehound	-	-	1.9L	-	-	-	3.1-4.4L SA ONLY	Spray seedlings.
Khaki Weed	-	-	-	-	-	-	1.5-3L NOT SA	Spray seedlings only.
Lincoln Weed	-	-	2.3L	-	-	-	-	Spray early rosettes.
London Rocket	-	-	-	-	-	1.1L	-	
Lupins	-	1.1-2.3L	-	-	-	-	-	
Mexican Poppy	-	-	-	1.9L	-	-	-	Spray seedlings – plants become more resistant with age.
Mint Weed	-	1.5L	-	1.2L	-	-	-	Spray seedlings – resistant in later stages.
Mustards	310-730mL	730mL-1.5L	730mL-1.9L	1.2L	-	1.1L	730mL-1.5L	Spray at 2-4 leaf up to rosette stage.
New Zealand Spinach	-	1.5-2.3L	-	-	-	-	-	
Noogoora Burr	-	1.1-1.5L	-	1.2L	-	-	1.1-1.5L NOT SA	Spray seedlings only.
Patersons Curse	-	1.5-2.3L	-	1.9L	-	1.7L	2.3-3.1L	Spray rosettes or before plants have 10 leaves. Later stages harder to kill.
Potato Weed	-	730mL-1.55L	-	1.2L	-	-	-	
Rapeseed	-	1.1-2.3L	-	-	-	-	-	
Rough Poppy	-	1.5L	-	-	-	-	-	
Safflower	-	730mL-1.9L	-	-	-	-	-	
Shepherds Purse	-	1.5-2.3L	-	-	1.9L	-	1.1-1.5L	Spray young rosettes.
Skeleton Weed	1.9L	1.5-2.3L	1.9L	-	-	-	2-3.1L	Spray rosettes before aerial growth commences.
Sorrel	1.9L	2.3L	1.9L	-	-	-	-	Only moderately susceptible.
Speedwell Ivy leaf	-	-	1.5L	-	-	-	-	
Spiny Emex	-	-	-	1.9L	-	-	-	Only young plants are susceptible.
Stinkwort	-	1.1-1.9L	-	-	-	-	-	
Storkbill / Erodium	-	-	-	-	1.9L	-	2.2-4.4L	Spray seedlings to young rosettes.
Sunflower (seedlings)	1.9L	730mL-1.9L	-	1.2L	-	-	-	
Thistle - Californian	-	-	-	-	800mL	-	4.4-5.1L	Repeated applications may be necessary (NSW, TAS only).

WEEDS CONTROLLED	APPLICATION RATE (PER HECTARE)							CRITICAL COMMENTS
	CROP						PASTURE	
	VIC	NSW	SA	QLD	TAS	WA	QLD, NSW, TAS, SA ONLY	
Thistle - Saffron	1.5L	730mL-1.9L	1.9L	1.9L	1.3L	1.5L	1.5-2.3L	Low rate only sufficient to control weeds in crops at rosette stage when sprayed early.
Thistle - Slender / Shore	-	1.1-1.9L	-	-	1.9L	-	1.5L	Suppression only.
Thistle - Soldier	1.9L	-	-	-	-	-	1.5-2.2L NOT NSW, ACT, TAS	Spray young rosettes.
Thistle - Spear	730mL	-	-	-	1.9L	-	1.5-2.2L	Spray young rosettes.
Thistle - Star	-	-	-	-	-	-	2.2-4.4L SA ONLY	Use higher rate as flower stalk appears.
Thistle - Variegated	-	730mL-2.3L	-	1.2L	1.9L	-	1.5-2.3L	Spray at rosette stage.
Thornapple	-	1.1-1.5L	-	-	-	-	2.2-3.3L NOT SA	Spray seedlings only.
Turnip Weed / Rapistrum	-	730mL-1.5L	-	730mL	-	1.1L	730mL-1.5L	
Ward's Weed	-	-	1.5L	-	-	-	-	
Wild Cabbage	1.9L	-	-	-	-	-	-	Spray multiple leaves.
Wild Poppy	730mL	-	-	-	-	-	1.5-2.3L	Spray rosettes.
Wild Radish	1.9L	2.3L	1.9L	1.2L	1.9L	1.1L	1.1-1.5L	Spray up to young rosette stage.
Wild Turnip	310-730mL	730mL-1.5L	440mL		1.9L	930mL	730mL-1.5L	Spray 2-4 leaf up to rosette stage.
Vetches / Tares	1.9L	-	1.5L	-	-	-	-	Spray at multiple leaf stage.

PLANT BACK DAYS FOR TITAN AMINE 450 HERBICIDE			
Crop	Plant Back, days		
	Up to 770mL/ha	770mL-1.6L/ha	1.6-2.3L/ha
Balansa Clover	7	7	10
Barley ¹	1	1	3
Chickpeas ²	7	14	21
Cotton	10	14	21
Faba Beans	7	7	10
Field Peas	7	14	14
Lentils	7	7	10
Linseed	7	7	14
Lucerne	7	7	10
Lupins ⁴	7	14	21
Medics	7	7	10
Narbon Beans	7	7	10
Navybeans	10	10	14
Oats	3	3	7
Perennial Ryegrass	7	7	10
Persian Clover	7	7	10
Phalaris	7	7	10
Canola / Rapeseed ²	14	21	28
Rice	7	7	14
Safflower ²	7	14	21
Sorghum ³	3	7	10
Soybean	14	14	21
Sub-Clover	7	7	10
Sunflower ³	7	10	14
Triticale ¹	1	3	7
Vetch	7	7	10
Wheat ¹	1	3	7
White Clover	7	7	10

IMPORTANT: WHEN APPLIED TO DRY SOILS AT LEAST 15mm (1/2 inch) OF RAIN MUST FALL PRIOR TO THE COMMENCEMENT OF THE PLANT BACK PERIOD.

NOTES:

- 1 In Queensland, no rainfall is required to fall prior to commencement of Plant Back Period for Wheat, Barley and Triticale.
- 2 In Queensland, planting of Canola / Rapeseed, Chickpeas and Safflower must be delayed for at least 14 days following rainfall of at least 15mm.
- 3 In Central Queensland, when using 1.1L/ha or less of TITAN Amine 450, the Plant Back Period for Sorghum and Sunflower is 1 day irrespective of rainfall.
- 4 In WA the Plant Back Period for Lupins at all rates is 28 days.

GENERAL INSTRUCTIONS

TITAN Amine 450 is a water soluble liquid product with non-selective herbicidal activity against broadleaf weeds. TITAN Amine 450 will control emerged weeds only, and provides no residual control although certain plant back periods should be observed. TITAN Amine 450 is absorbed by plant foliage and accumulates to toxic levels in the regions of growth and reproduction, upsetting the ability of plants to balance the synthesis and use of nutrients. Visible effects are a gradual yellowing and wilting of the plants which advances to complete browning of above ground growth and deterioration of root systems. Effects may not be apparent for 7-10 days or even up to 21 days under cold or cloudy conditions.

DO NOT treat weeds under poor growing or dormant conditions such as occur in drought, waterlogging, disease, insect damage, following frost, weeds heavily covered with dust or silt. Reduced results may also occur if weeds are under stress from previous herbicide application. Rainfall occurring up to 6 hours after application may reduce effectiveness. DO NOT spray if strong winds prevail.

CROP ESTABLISHMENT

TITAN Amine 450 is recommended as a herbicide additive to glyphosate for control of emerged weeds prior to crop establishment. When TITAN Amine 450 is applied prior to crop establishment, certain Plant Back Periods should be observed to ensure that the herbicide has degraded sufficiently to allow safe sowing of the intended crop. This process is largely influenced by moisture, temperature and certain soil characteristics and may be delayed particularly when conditions are cold and dry. Refer to the Plant Back Period table for specific information. In seasons of heavy weed growth, or where the following conditions apply, it may be necessary to further delay sowing until a suitable seedbed can be formed.

Conditions which can delay crop germination and seedling development include:

- Heavy green or decaying weed growth incorporated into the soil;
- Soil compaction or crusting;
- Cold and wet soils;
- Deep seeding;
- Prior use of residual or pre-emergent herbicides.

To minimize these effects it is suggested that;

- Weed bulk be reduced by grazing and cultivating to leave trash on the surface to dry out;
- A friable seedbed be produced by cultivation, where necessary;
- The use of pre-emergent herbicides to be avoided if they might contribute to reduced germination;
- A correct seeding depth be used.

The preferred alternative is to spray early to control any weeds in their less advanced stages and ensure the seedbed is in a suitable condition for early sowing when soil temperatures are not excessively cold.

APPLICATION BOOM EQUIPMENT

Application of TITAN Amine 450 / Glyphosate mixtures in spray volumes of 25-100L/ha is recommended. When TITAN Chlorsulfuron 750 WG Herbicide OR TITAN Metsulfuron 600 WG Herbicide are included in the mixture a minimum spray volume of 30L/ha is recommended. When simazine included in the mixture a minimum spray volume of 100L/ha is recommended. Boom height must be set to ensure double overlap of nozzle patterns at the top of the weed canopy.

AERIAL EQUIPMENT

Application of TITAN Amine 450 / Glyphosate mixtures using either Micronair or boom equipment should occur in a minimum spray volume of 15L/ha. Swath width should be 15-17 metres.

Application under hot conditions: High temperature and/or low relative humidity cause excessive evaporation of spray droplets which may reduce results. When temperatures reach 25°C increase water volume to 30L/ha.

DO NOT apply by aircraft when temperature is above 35°C. DO NOT use in intensive horticultural cropping areas.

Thoroughly wash aircraft, especially landing gear after each day of spraying to remove herbicide residues.

EQUIPMENT MAINTENANCE

Spray solutions of TITAN Amine 450 and Glyphosate should be mixed, stored and applied only in stainless steel, aluminium, brass, copper, fiberglass, plastic-lined containers.

DO NOT mix, store or apply spray solutions in galvanized steel or unlined steel (except stainless steel) containers or spray tanks.

TITAN Amine 450 / Glyphosate spray solutions may react with such containers and tanks to produce hydrogen gas which may form a highly combustible

gas mixture that can flash or explode if ignited by open flame, spark, welder's torch, lighted cigarette or other ignition source. Thoroughly clean all equipment after use either by using hot soapy water or 1% solution of ammonia followed by several clean water rinses or use Spraymate Tank & Equipment Cleaner. If using Sulfonylurea herbicides (TITAN Chlorsulfuron 750 WG Herbicide OR TITAN Metsulfuron 600 WG Herbicide), follow decontamination procedures detailed on those product labels.

COMPATIBILITY

TITAN Amine 450 is compatible in tank mixes with TITAN Glyphosate herbicides, TITAN Dicamba 500 Herbicide, SIEGE*, TITAN Chlorsulfuron 750 WG Herbicide OR TITAN Metsulfuron 600 WG Herbicide, Simazine Flowable, Simazine DF, TITAN Paraquat 250 Herbicide, TITAN Chlorpyrifos 500 Termiticide & Insecticide, TITAN Dimethoate 400 Systemic Insecticide, omethoate and Phosmet.

SURFACTANT ADDITION

DO NOT add surfactant except in conservation tillage where the product is to be tankmixed with TITAN Glyphosate 450 Herbicide. In this situation always add either a non-ionic surfactant (eg. TITAN Wetter 1000 Wetting Agent) or the acidifying surfactant TITAN 700 Surfactant in accordance with label directions on the TITAN Glyphosate 450 Herbicide product. Use TITAN 700 Surfactant with TITAN Glyphosate 450 Herbicide if insecticides will be included in the tank mixture or if faster brownout of weeds is required.

DO NOT mix with spraying oils, or any other materials or agricultural chemicals except as directed on this label. DO NOT use TITAN 700 Surfactant if sulfonylurea herbicides (TITAN Chlorsulfuron 750 WG Herbicide OR TITAN Metsulfuron 600 WG Herbicide) are included in the spray mixture.

TANK MIXTURES

The TITAN Amine 450 directions for use on this label are designed to be used as a tank mixture with TITAN Glyphosate 450 herbicide, TITAN Glyphosate 360 Herbicide. However as shown in the compatibility and surfactant addition sections of this label, it is possible to extend/improve weed control to include other foliage applied and/or residual herbicides and adjuvants. A mixture of TITAN Amine 450 and Glyphosate may be tank mixed with the following herbicides, insecticides and adjuvants where recommended in the Directions for Use tables. Read and follow all label directions, restraints and plant pack periods, withholding periods and safety directions for the tank mix products.

TITAN Dicamba 500 Herbicide – for improved control of Sow Thistle. Observe any regional use restrictions.

TITAN Chlorsulfuron 750 WG Herbicide – will provide control for a wide range of broadleaf weeds and grasses.

TITAN Metsulfuron 600 WG herbicide – for improved knockdown control of Yellow Burrweed (Amsinckia), Volunteer Chickpeas, Chickweed, Common Sowthistle, Cut-leaf Mignonette, Deadnettle, Faba Beans, Mallee Catchfly, Soursob, Stagger Weed, Wild Garlic.

TITAN Metsulfuron 600 WG Herbicide does not provide residual in-crop weed control.

INSECTICIDES

TITAN Chlorpyrifos 500 Termiticide & Insecticide, Dimethoate, Phosmet and Omethoate can be introduced into the tank mix for specific control to prevent insect damage to emerging crops.

MIXING INSTRUCTIONS

TITAN Amine 450 mixes readily with water. Ensure the spray tank is free of any residue of previous spray materials.

1. Fill the spray tank with clean water to one half of the required amount and start agitation. DO NOT use mechanical agitators as these may cause excessive foaming when herbicides are added.
2. Where TITAN 700 Surfactant acidifying surfactant is recommended at either 100mL or 300mL/100L, add to tank through top mesh screen.
3. Add recommended herbicide additive/insecticide to spray tank and mix thoroughly.
4. Add TITAN Amine 450 and mix thoroughly.
5. Add TITAN Glyphosate 450 herbicide and the remaining water.
6. When non-ionic surfactant is used, add near the end of the filling process to minimize foaming.
7. Always maintain adequate agitation during application and use the tank mix promptly.



RESISTANCE WEEDS WARNING

TITAN Amine 450 Herbicide is a member of the Phenoxy group of herbicides. The product has the disruptors of plant cell growth mode of action. For weed resistance management, the product is a Group 4 herbicide. Some naturally occurring weed biotypes resistant to TITAN Amine 450 Herbicide and other Group 4 herbicides may exist through normal genetic variability in any weed population. The resistant individuals can eventually dominate the weed population if these herbicides are used repeatedly. These resistant weeds will not be controlled by TITAN Amine 450 Herbicide or other Group 4 herbicides. Since the occurrence of resistant weeds is difficult to detect prior to use, TITAN AG Pty Ltd accepts no liability for any losses that may result from the failure of TITAN Amine 450 Herbicide to control resistant weeds.

RE-ENTRY PERIOD

DO NOT hand harvest sugarcane for at least 1 day after application. If re-entering treated areas before the spray has dried, workers should wear overalls, elbow-length gloves and water-resistant footwear. Clothing must be laundered after each day's use.

PROTECTION OF CROPS, NATIVE AND NON-TARGET PLANTS

DO NOT apply under weather conditions, or from spraying equipment, that may cause spray to drift onto nearby susceptible plants/crops, cropping lands or pastures. Avoid spray drift and vapour movement onto susceptible crops such as cotton, tobacco, tomatoes, vines, lupins, fruit trees and ornamentals.

PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT

Very toxic to aquatic life. DO NOT contaminate wetlands or watercourses with this product or used containers.

STORAGE AND DISPOSAL

Refillable Containers: Store in the closed, original container in a cool, well-ventilated area. DO NOT store for prolonged periods in direct sunlight. Empty contents fully into application equipment. Close all valves and return to point of supply for refill or storage.

Non-Refillable Containers: Store in the closed, original container in a cool, well-ventilated area. Triple rinse containers before disposal. Add rinsings to spray tank. DO NOT dispose of undiluted chemicals on site. If recycling, replace cap and return clean containers to recycler or designated collection point. If not recycling, break, crush or puncture and deliver empty packaging to an approved waste management facility. If an approved waste management facility is not available, bury the empty packaging 500mm below the surface in a disposal pit specifically marked and set up for this purpose, clear of waterways, desirable vegetation and tree roots, in compliance with relevant local, state or territory government regulations. DO NOT burn empty containers or product.

DrumMUSTER: This container can be recycled if it is clean, dry, free of visible residues and has the *drumMUSTER* logo visible. Triple rinse container for disposal. Dispose of rinsate by adding it to the spray tank. DO NOT dispose of undiluted chemical on-site. Wash outside of the container and the cap. Store cleaned container in a sheltered place with cap removed. It will then be acceptable for recycling at any *drumMUSTER* collection or similar container management program site. The cap should not be replaced, but may be taken separately.

The method of disposal of the container depends on the container type. Read the 'Storage and disposal' instructions on the label that is attached to the container.

SAFETY DIRECTIONS

Poisonous if absorbed by skin contact or swallowed. Will damage the eyes. Will irritate the skin. Avoid contact with the eyes and skin. When opening the container and preparing spray or using undiluted concentrate, wear cotton overalls buttoned to the neck and wrist and a washable hat, elbow-length chemical resistant gloves and face shield or goggles. When using the prepared spray, wear cotton overalls buttoned to the neck and wrist and a washable hat and elbow-length chemical resistant gloves. If applying by hand wear half facepiece respirator with organic vapour/gas cartridge or canister. If product on skin, immediately wash area with soap and water. If product in eyes, wash it out immediately with water. After use and before eating, drinking or smoking wash hands, arms and face thoroughly with soap and water. After each day's use, wash gloves, face shield or goggles and contaminated clothing.

GROUP 4 HERBICIDE

FIRST AID

If poisoning occurs, contact a doctor or Poisons Information Centre. Phone Australia 131126; New Zealand 0800 764 766.

SAFETY DATA SHEET

Additional information is listed in the safety data sheet (SDS). A safety data sheet for TITAN Amine 450 Herbicide is available from TITAN AG Pty Ltd on request. Call Customer Service on (02) 9999 6655 or visit www.titanag.com.au

CONDITIONS OF SALE: TITAN AG Pty Ltd shall not be liable for any loss injury damage or death whether consequential or otherwise whatsoever or howsoever arising whether through negligence or otherwise in connection with the sale supply use or application of this product. The supply of this product is on the express condition that the purchaser does not rely on TITAN AG's skill or judgment in purchasing or using the same and every person dealing with this product does so at his own risk absolutely. No representative of TITAN AG Pty Ltd has any authority to add to or alter these conditions.

* Other trademarks

Additional statements required by Globally Harmonised System of Classification and Labelling of Chemicals (GHS) and Safe Work Australia: Harmful if swallowed. Causes serious eye damage. May cause an allergic skin reaction. May cause respiratory irritation. Harmful to aquatic life with long lasting effects. **Precautionary Statements:** Avoid breathing dust/fume/gas/mist/vapours/spray. Wash hands thoroughly after handling. Do not eat, drink or smoke when using this product. Use only outdoors or in a well-ventilated area. Contaminated work clothing should not be allowed out of the workplace. Avoid release to the environment. Wear protective gloves / eye protection / face protection. **IF SWALLOWED:** Call a POISON CENTER/doctor if you feel unwell. **IF ON SKIN:** Wash with plenty of water. **IF INHALED:** Remove person to fresh air and keep comfortable for breathing. **IF IN EYES:** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER/doctor. Specific treatment (see on this label). Rinse mouth. Take off contaminated clothing and wash it before reuse. If skin irritation or rash occurs: Get medical advice/attention. Store in a well-ventilated place. Keep container tightly closed. Store locked up. Dispose of contents/container in accordance with local/regional/national regulations.

