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



ACTIVE CONSTITUENTS: 240 a/L CLODINAFOP-PROPARGYL 60 a/L CLOQUINTOCET-MEXYL SOLVENTS: 575 a/L LIQUID HYDROCARBONS

100 a/L N-METHYL-2-PYRROLIDONE

HERBICIDE **GROUP**

For the control of Wild Oats, Paradoxa Grass (Annual Phalaris), Canary Grass and Annual Ryegrass in Wheat. Highly active on Wild Oats and can be mixed with many broadleaf herbicides.

IMPORTANT: READ THE ATTACHED LEAFLET BEFORE USING THIS PRODUCT.

STORAGE AND DISPOSAL

Keep out of reach of children. Store in the closed, original container in a cool well-ventilated area. Do not store for prolonged periods in direct sunlight. 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 500 mm 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.

For refillable containers: Empty contents fully into application equipment. Close all valves and return to point of supply for refill or storage.

SAFFTY DIRECTIONS

Harmful if swallowed. Will irritate the eyes and skin. Repeated exposure may cause allergic disorders. Avoid inhaling spray mist. Avoid contact with eyes and skin. When opening the container, preparing spray and using the product wear cotton overalls buttoned to the neck and wrist (or equivalent clothing), a washable hat, elbow-length PVC gloves and face shield or googles. If product gets on skin, immediately wash area with soap and water. If product gets 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 googles and contaminated clothing.

If poisoning occurs, contact a doctor or Poisons Information Centre. Phone Australia 13 11 26, New Zealand 0800 764 766. If in eves wash out immediately with water. If swallowed, do NOT induce vomiting,

SAFETY DATA SHEET

Additional information is listed in the Safety Data Sheet which is available from the supplier.

LIMIT OF WARRANTY AND LIABILITY

Seller warrants that the product conforms to its chemical description and is reasonably fit for the nurnose stated on the label when used in accordance with the directions under normal conditions of use. No warranty of merchantability for a particular purpose, express or implied, extends to the use of the product contrary to label instructions, or under abnormal conditions

APVMA Approval No: 65369/124826

Batch No.

Date of Manufacture:

IN A TRANSPORT EMERGENCY DIAI 000 POLICE OR FIRE BRIGADE

FOR SPECIALIST ADVICE IN AN EMERGENCY ONLY CALL 1800 039 008

ALL HOURS AUSTRALIA WIDE



AXICHEM PTY I TD A.B.N 35 131 628 594

9 PALINGS COURT, NERANG QLD 4211 PHONE: 07 5596 1736 www axichem com au

DIRECTIONS FOR USE

Restraints:

DO NOT apply if rainfall is expected within 2 hours.

DO NOT apply to weeds or crops which are under stress. For example, due to very dry, very wet, frosty or diseased conditions, nutrient deficiency or high insect pressure.

DO NOT apply to weeds or crops immediately after a prolonged period of frosts.

DO NOT apply under poor growing conditions

Crop	Weeds Controlled	State	Rate per hectare	Weed Growth Stage
Wheat 2 leaf to late jointing (Zadocks 12-37)	Wild Oats	Qld, Nthn NSW only	65 mL + 500 mL Hasten or Uptake oil per 100 L of water.	2 to 5 leaf
			85 mL + 500 mL Hasten or Uptake oil per 100 L of water.	2 leaf to mid tillering
			85 mL + 500 mL Hasten or Uptake oil per 100 L of water.	2 to 5 leaf
			125 mL + 500 mL Hasten or Uptake oil per 100 L of water.	2 leaf to mid tillering
		Sthn NSW, Vic, SA, WA only	65 mL+ 500 mL Hasten or Uptake oil per 100 L of water. Or 100 mL of a 100% non-ionic surfactant per 100 L of water.	2 to 5 leaf
		人	85 mL + 500 mL Hasten or Uptake oil per 100 L of water. Or 100 mL of a 100% non-ionic surfactant per 100 L of water.	2 leaf to mid tillering
	Paradoxa Grass (Phalaris para- doxa) Canary Grass (Phalaris minor)	Qld, NSW, Vic, SA only	85 mL + 500 mL Hasten or Uptake per 100 L of water.	2 to 3 leaf
			125 mL + 500 mL Hasten or Uptake per 100 L of water.	2 to 5 leaf
			160 mL + 500 mL Hasten or Uptake per 100 L of water.	2 leaf to early tillering
Wheat 2 leaf to late jointing (Zadocks 12-37)	Annual Ryegrass	NSW, Vic, SA, WA only	160 mL + 500 mL Hasten or Uptake per 100 L of water.	2 to 4 leaf
			210 mL + 500 mL Hasten or Uptake per 100 L of water.	2 leaf to early tillering

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

Critical Comments

NOT TO BE MIXED WITH BROADLEAF HERBICIDES AT THESE RATES

Apply at 85 mL/ha when weeds are not actively growing. Where low water volumes are used, DO NOT use less than the minimum oil volumes specified (See Minimum Oil Volumes).

Cold water: Under cold water conditions (10°C or less), use Hasten instead of Uptake.

MAY BE TANK MIXED WITH COMPATIBLE HERBICIDES

Apply in mixtures for broadleaf weed control only when weeds are actively growing. When mixing AC Tussel Selective Herbicide with certain broadleaf weed herbicides some reduction in grass weed control may occur. Unless otherwise specified always use Uptake or Hasten when tank mixing broadleaf herbicides. Apply at 125 mL/ha when weeds are not actively growing. Where low water volumes are used, DO NOT use less than the minimum oil volumes specified (See Minimum Oil Volumes).

Cold water: Under cold water conditions (10°C or less), use Hasten instead of Uptake.

MAY BE TANK MIXED WITH COMPATIBLE HERBICIDES

Apply in mixtures for broadleaf weed control only when weeds are actively growing. When mixing AC Tussel Selective Herbicide with certain broadleaf weed herbicides some reduction in grass weed control may occur. Refer to compatibility chart for specific rates for tank mixes. Unless otherwise specified always use Uptake or Hasten when tank mixing broadleaf herbicides. Apply at 85 mL/ha when weeds are not actively growing. Where low water volumes are used, DO NOT use less than the minimum oil volumes specified (See Minimum 0il Volumes). Cold water: Under cold water conditions (10°C or less), use Hasten instead of Uptake.

NOT TO BE MIXED WITH BROADLEAF HERBICIDES AT BELOW 160 mL/ha

Apply in mixtures for broadleaf weed control only when weeds are actively growing. When mixing AC Tussel Selective Herbicide with certain broadleaf weed herbicides some reduction in grass weed control may occur. Apply at 160 mL/ha when weeds are not actively growing. Where low water volumes are used, DO NOT use less than the minimum oil volumes specified (See Minimum Oil Volumes).

Cold water: Under cold water conditions (10°C or less), use Hasten instead of Uptake.

MAY BE TANK MIXED WITH COMPATIBLE HERBICIDES.

Apply in mixtures for broadleaf weed control only when weeds are actively growing. When mixing AC Tussel Selective Herbicide with certain broadleaf weed herbicides some reduction in grass weed control may occur. Apply at 210 mL/ha when weeds are not actively growing. Where low water volumes are used, DO NOT use less than the minimum oil volumes specified (See Minimum Oil Volumes). **Cold water:** Under cold water conditions (10°C or less), use Hasten instead of Uptake.

HARVESTED GRAIN: WITHHOLDING PERIOD NOT REQUIRED WHEN USED AS DIRECTED.

ANIMAL GRAZING/FEEDING: DO NOT GRAZE OR CUT FOR STOCK FOOD FOR 4 WEEKS AFTER APPLICATION.

GENERAL INSTRUCTIONS

AC Tussel Selective Herbicide should be applied only when weeds are actively growing.

Mixina

Fill the spray tank to one quarter full. Then add AC Tussel Selective Herbicide while adding water to make up the final spray volume. Pour AC Tussel Selective Herbicide into the stream of incoming water. Good agitation at the time AC Tussel Selective Herbicide is added to the tank will ensure good mixing. Add the required amount of Hasten* or Uptake* oil just before the tank is full of water and with the acitators in motion.

Mixing order

Some products may react with other products if they are not mixed in the correct order. The general mixing order of products should be –

- 1. Water conditioners or buffers
- 2. Water dispersable granules (WG)
- 3. Wettable powders (WP)
- 4. Flowable or suspension concentrates (SC)
- 5. Emulsifiable concentrates (EC) (AC Tussel Selective Herbicide)
- 6. Water based or soluble concentrates
- 7. Oils and wetters eg Hasten, BS 1000

It is important to ensure that each individual component of the tank mix is fully dissolved and in solution before the next product is added to the tank mix, otherwise mixing problems may occur.

Minimum Oil Volumes

The minimum amount of oil to be applied with AC Tussel Selective Herbicide will depend on the type of oil used. When applying AC Tussel Selective Herbicide using low water volumes, DO NOT use less than the minimum oil volumes specified below:

- For oils normally applied at 1% v/v. DO NOT apply less than 500 mL oil/ha.
- \bullet For oils normally applied at 0.5% v/v (eg Uptake, Hasten), DO NOT apply less than 250 mL oil/ha.

Cleaning Spray Equipment

After using AC Tussel Selective Herbicide, empty the tank completely and drain the whole system. Thoroughly wash inside the tank using a pressure hose, drain the tank and clean any filters in the tank, pump, line and nozzles. To rinse: After cleaning the tank as above, quarter fill the tank with clean water and circulate through the pump, lines, hoses and nozzles. Drain and repeat the rinsing procedure twice.

To decontaminate: Before spraying cereals (except wheat), maize, sorghum or other sensitive crops, wash the tank and rinse the system as above. Drain and repeat the rinsing procedure. Then quarter fill the tank and add a liquid alkali detergent (eg SURF*, OMO*, DRIVE*) at 0.5 L/100 L of water and circulate throughout the system for at least fifteen minutes. Drain the whole system. Remove filters and nozzles and clean them separately. Finally flush the system with clean water and allow to drain. Dispose of all water used for cleaning in a disposal pit specifically marked and set up for this purpose clear of waterways, vegetation and roots.

Application

Ground Application: Boom spray with flat fan nozzles. Ensure good spray coverage is obtained. Apply using 50 to 110 L water per hectare. A MEDIUM-COARSE spray is ideal.

Aircraft Application: For best results use 20 to 30 L water per hectare and spray at 2 m to 3 m above the crop. A MEDIUM-COARSE spray is ideal. For rotary atomizers (micronairs) this can be achieved using blade angles of 55° to 65°. Where booms and nozzles are attached, flat fan nozzles with a spray angle of 65° to 90° should be used. Avoid applying AC Tussel Selective Herbicide if wind speeds are greater than 5 m/s. If spraying in calm conditions use larger droplets and reduce flying height.

Compatibility

When AC Tussel Selective Herbicide is applied with compatible herbicides always use a recommended oil. Only use a 100% non-ionic surfactant when mixing with diflufenican based products.

Grass Herbicides: AC Tussel Selective Herbicide is compatible with diclofop methyl.

Broadleaf Herbicides: Some broadleaf weed herbicides are incompatible with AC Tussel Selective Herbicide because they reduce the effectiveness of AC Tussel Selective Herbicide or because in mixture they may cause crop yellowing. For the latest information on compatibility of AC Tussel Selective Herbicide with broadleaf herbicides refer to the clodinafop-propargyl Compatibility Chart available from your local reseller.

Incompatible: The following herbicides are known to be incompatible with AC Tussel Selective Herbicide: Diuron, triasulfuron, bromoxynil + dicamba + MCPA formulations and all 2,4-D formulations.

Herbicides which are incompatible with AC Tussel Selective Herbicide must be applied separately. In this situation, apply AC Tussel Selective Herbicide first and then allow at least 10 days between its application and application of the broadleaf weed herbicide.

Insecticides: AC Tussel Selective Herbicide is compatible with methidathion.

Resistant Weeds Warning

GROUP A HERBICIDE

AC Tussel Selective Herbicide Selective Herbicide is a member of the aryloxyphenoxypropionate ("fop") group of herbicides, AC Tussel Selective Herbicide has the inhibition of fat (lipid) synthesis, (or inhibitors of acetyl CoA carboxylase) mode of action. For weed resistance management AC Tussel Selective Herbicide is a Group A herbicide. Some naturally-occurring weed biotypes resistant to AC Tussel Selective Herbicide and other Group A 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 AC Tussel Selective Herbicide or other Group A herbicides. Since the occurrence of resistant weeds is difficult to detect prior to use. Axichem Ptv Limited accepts no liability for any losses that may result from the failure of AC Tussel Selective Herbicide to control resistant weeds. Weed biotypes resistant to diclofopmethyl and other "grass specific" herbicides can also often be resistant to AC Tussel Selective Herbicide. Before using AC Tussel Selective Herbicide on a population resistant to or suspected to be resistant to "grass specific" herbicides, have a resistance test conducted to ensure that it is susceptible to AC Tussel Selective Herbicide. Large numbers of healthy surviving weeds can be an indication that resistance is developing. Efforts should be made to prevent seed set of the surviving weeds. DO NOT make more than one application of a Group A herbicide with the inhibition of fat (lipid) synthesis (or inhibitors of acetyl CoA carboxylase) mode of action to a crop in the same season. If the user suspects that the target weed population is resistant to herbicides with this mode of action, AC Tussel Selective Herbicide or other Group A herbicides should not be used. Strategies to minimise the risk of herbicide resistance are available. The above recommendations should be incorporated into an Integrated Weed Management (IWM) Program. Consult your farm chemical supplier, consultant or local Department of Agriculture or Primary Industries.

PRECAUTIONS

Re-entry Period

DO NOT enter treated areas without protective clothing until the spray has dried.

PROTECTION OF CROPS, NATIVE AND OTHER NON- TARGET PLANTS

DO NOT apply on or near shrubs, trees, lawns or crops other than wheat. DO NOT drain or flush equipment on or near desirable trees or other plants, where their roots may extend, or in situations where by movement of soil or by seepage absorption of the herbicide may occur. DO NOT apply under meteorological conditions or from spraying equipment which could be expected to cause spray to drift onto nearby susceptible plants, adjacent crops, crop lands or pastures. DO NOT allow spray to drift onto adjacent fallow land.

PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT

DO NOT apply to irrigation drains or channels.

DO NOT contaminate dams, streams, rivers or watercourses with the chemical or used containers.

STORAGE AND DISPOSAL

Keep out of reach of children. Store in the closed, original container in a cool well-ventilated area. Do not store for prolonged periods in direct sunlight.

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 500 mm 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.

For refillable containers: Empty contents fully into application equipment. Close all valves and return to point of supply for refill or storage.

SAFETY DIRECTIONS

Harmful if swallowed. Will irritate the eyes and skin. Repeated exposure may cause allergic disorders. Avoid inhaling spray mist. Avoid contact with eyes and skin. When opening the container, preparing spray and using the product wear cotton overalls buttoned to the neck and wrist (or equivalent clothing), a washable hat, elbow-length PVC gloves and face shield or goggles. If product gets on skin, immediately wash area with soap and water. If product gets 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.

FIRST AID

If poisoning occurs, contact a doctor or Poisons Information Centre. Phone Australia 13 11 26, New Zealand 0800 764 766. If in eyes wash out immediately with water. If swallowed, do NOT induce vomiting.

SAFETY DATA SHEET

Additional information is listed in the Safety Data Sheet which is available from the supplier.

GHS Label Elements







SIGNAL WORD	DANGER
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Hazard Statement(s)

H227	Combustible Liquid.

H302 | Harmful if swallowed.

H304 May be fatal if swallowed and enters airways

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

H319 Causes serious eye irritation.

H373 May cause damage to organs through prolonged or repeated exposure.

H411 Toxic to aquatic life with long lasting effects.

Precautionary statement(s) Prevention

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P260 Do not breathe mist/vapours/spray.

P280 Wear protective gloves, protective clothing, eye protection and face protection.

P264 Wash all exposed external body areas thoroughly after handling.

P270 Do not eat, drink or smoke when using this product.

P273 Avoid release to the environment.

P272 | Contaminated work clothing should not be allowed out of the workplace.

Precautionary statement(s) Response

P301+P310 IF SWALLOWED: Immediately call a POISON CENTRE/doctor/physician/first aider.

P331 Do NOT induce vomiting. If more than 15 mins from Doctor, INDUCE VOMITING (if conscious).

P370+P378 In case of fire: Use alcohol resistant foam or normal protein foam to extinguish.

P302+P352 | IF ON SKIN: Wash with plenty of water.

P305+P351+P338 | IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P308+P313	If exposed or concerned: Get medical advice/attention.
P314	Get medical advice/attention if you feel unwell.
P333+P313	If skin irritation or rash occurs: Get medical/attention.
P337+P313	If eye irritation persists: Get medical advice/attention.
P362+P364	Take off contaminated clothing and wash it before reuse.
P391	Collect spillage.
P301+P312	IF SWALLOWED: Call a POISON CENTRE/doctor/physician/first aider if you feel unwell.
P330	Rinse mouth.

Precautionary statement(s) Storage

P403 Store in a well-ventilated place.

P405 Store locked up.

Precautionary statement(s) Disposal

P501

Dispose of contents/container to authorised hazardous or special waste collection point in accordance with any local regulation.

LIMIT OF WARRANTY AND LIABILITY

Seller warrants that the product conforms to its chemical description and is reasonably fit for the purpose stated on the label when used in accordance with the directions under normal conditions of use. No warranty of merchantability for a particular purpose, express or implied, extends to the use of the product contrary to label instructions, or under abnormal conditions.