

Date 03.05.07
61865_41737_20-110L_front_MPL_V03
260 mm wide
170 mm high
100% A4



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

TODDENT[®]

TORRENT

242 HERBICIDE

ACTIVE CONSTITUENT: 420 g/L MCPA present as potassium salt
26 g/L PICLORAM present as potassium salt

GROUP I HERBICIDE

For the control of Climbing Buckwheat, Common Sowthistle, Skeleton Weed, Capeweed, Doublegee and other Broadleaf Weeds in Winter Cereals and Linseed Crops.

IMPORTANT: READ THE ATTACHED LEAFLET BEFORE USING THIS PRODUCT.

APVMA APPROVAL NO.: 61865/20-110L/0507

CONTENTS: ■ 20L
■ 110L



SIPCAM PACIFIC AUSTRALIA PTY LIMITED
Suite 11, 23-31 Gheringhap Street, Geelong VIC 3220

Date 03.05.07
61865_41737_20-110L_rear_MPL_V03
260mm wide
170mm high
100% A4



PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT

DO NOT contaminate dams, rivers or streams with the product or used container. DO NOT apply to weeds growing in or over water. DO NOT spray across open bodies of water.

STORAGE AND DISPOSAL

Store in the closed, original container in a cool, well ventilated area. Do not store for prolonged periods in direct sunlight. DO NOT store near food, feedstuffs, fertilisers or seed. Triple or preferably pressure 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 bury empty containers in a local authority landfill. If no landfill is available, bury the containers below 500 mm in a disposal pit specifically marked and set up for this purpose clear of waterways, desirable vegetation and tree roots. Empty containers and product should not be burnt.

For **110 L refillable containers** empty contents fully into application equipment. Close all valves and return to point of supply for refill or storage.

SMALL SPILL MANAGEMENT

Wear protective equipment (See SAFETY DIRECTIONS). Apply absorbent material such as earth, sand, clay granules or cat litter to the spill. Sweep up material for disposal when absorption is completed and contain in a refuse vessel for disposal (see STORAGE AND DISPOSAL section). If necessary wash the spill area with an alkali detergent and water and absorb as above the wash liquid for disposal as described above.

SAFETY DIRECTIONS

Harmful if swallowed. Attacks eyes. Will irritate the skin. Avoid contact with eyes and skin. If product in eyes, wash it out immediately with water. DO NOT inhale spray mist. When preparing the spray and using the prepared spray wear cotton overalls buttoned to the neck and wrist and a washable hat, elbow length PVC gloves and goggles. 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, goggles and contaminated clothing.

MATERIAL SAFETY DATA SHEET

If additional hazard information is required refer to the Material Safety Data Sheet. For a copy visit our website at www.sipcam.com.au.

FIRST AID

If poisoning occurs, contact a doctor or Poisons Information Centre (Phone Australia: 13 11 26)

NOTICE TO BUYER

Sipcam Pacific Australia Pty Limited (Sipcam) shall not be liable for any loss, injury, damage or death whether consequential or otherwise whatsoever or howsoever arising whether through negligence, use under abnormal conditions 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 Sipcam's skill or judgment in purchasing or using the product and every person dealing with this product does so at their own risk.



DOM:

Batch No:



This product is NOT classified as a Dangerous Good under the Australian Code for the transport of dangerous goods by road and rail.

For specialist advice in an emergency only, call **1800 033 111**,
all hours Australia wide

Date 26.04.07
 61865_41737_20-110L_breakout1_MPL_V02
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CAUTION
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 READ SAFETY INSTRUCTIONS BEFORE OPENING OR USING

TORRENT[®]

242 HERBICIDE

ACTIVE CONSTITUENT: 420 g/L MCPA present as potassium salt
 26 g/L PICLORAM present as potassium salt

GROUP I HERBICIDE

For the control of climbing buckwheat, common sowthistle, skeleton weed, capeweed, doublegee and other broadleaf weeds in winter cereals and linseed crops.

SIPCAM PACIFIC AUSTRALIA PTY LTD
 Suite 11, 23-31 Gheringhap Street,
 Geelong VIC 3220

Torrent 242 is a Registered Trademark of
 Sipcaml Pacific Australia Pty Ltd

THIS LEAFLET IS PART OF THE LABEL
 APVMA APPROVAL NO: 61865/0307

DIRECTIONS FOR USE

RESTRAINTS:

DO NOT apply to crops or weeds which are not actively growing or to plants which may be stressed (not actively growing) due to prolonged periods of extreme cold, moisture stress (water-logged or drought affected) or previous herbicide treatment, as crop damage or reduced levels of control may result.
DO NOT use in high winds.
DO NOT spray if rain is likely to occur within four hours.
DO NOT apply close to, or on areas, containing roots of desirable vegetation, where treated soil may be washed into areas growing, or to be planted to, desirable plants, or on sites where surface water from heavy rain can be expected to run off to areas containing, or to be planted to, susceptible crops or plants.
DO NOT move soil which may have been sprayed to areas where desirable plants are to be grown.

Table 1: NEW SOUTH WALES and QUEENSLAND only

Crop	Crop Growth Stage	Weeds Controlled	Weeds Growth Stage	Rate / ha	CRITICAL COMMENTS
Barley, Canary grass, Oats, Triticale, Wheat	Apply from early tillering (when the main shoot has 4-5 leaves and 2 or more new tillers have formed) to start of jointing (first node (Z30))	Climbing buckwheat (black bindweed)	Up to 6 leaf	1L	For best control of climbing buckwheat apply at early tillering as this becomes increasingly difficult to control as it becomes larger. To avoid possible crop damage, DO NOT spray outside the early tillering to early jointing stage.
		Common sowthistle, Doublegee (spiny emex), Mustard, saffron thistle, skeleton weed, turnip weed, variegated thistle, wild radish, wild turnip	Young rosette or seedling plants up to 8 true leaves		
Barley, Triticale, Wheat		NZ spinach ¹ , wireweed ¹	Up to 4 leaf	800mL + 5g Esteem [®]	Add a 100% concentrate non-ionic surfactant (eg. BS-1000 [®]) at the rate of 100 mL/100L water.
		Common sowthistle, NZ spinach, Wireweed	Apply up to 4 leaf stage		
Linseed, Linola	Apply when crop is 8-20cm high	Climbing buckwheat (black bindweed), Doublegee (spiny emex), Mustard, saffron thistle, skeleton weed, variegated thistle, wild radish, wild turnip	Young rosette or seedling plants up to 4 true leaves	670 to 840 mL	Use the higher rate when climbing wheat is present or weed growth is advanced.
		NZ spinach ¹ , wireweed ¹	Up to 2 leaf		

COMPATIBILITY

Torrent 242 Herbicide is compatible with the following:
 (Read and follow all label directions, restraints, plant-back periods, withholding periods and safety directions on the partner label as well as those on the Torrent label).
Broadleaf Herbicides - Eclipse Herbicide, Sylon, MCPA 500, MCPA LVE, Esteem WDG, Acclaim.
Grass Herbicides - Ovation 375 (annual ryegrass only), Trend (wild oats and phalaris only)
Adjuvants - BS-1000 (when mixed with metsulfuron-methyl), Uptake Spraying Oil (when mixed with Trend)
Insecticides - Le Mat, Sipcaml Rogor.
 Torrent is **not** compatible with zinc products (such as Zinc dextrase and Zinc heptahydrate), copper salts (such as sulphate) and manganese sulphate. Do not use with hard water or water clarified with alum.

APPLICATION METHODS

A. Ground Application (Boom) - Apply Torrent 242 Herbicide with an accurately calibrated boom sprayer, in at least 50L/ha water. Flat fan nozzles are recommended using pressures in the range 200 to 300 kPa. Set the boom at a height to ensure a double overlap of the nozzle pattern.
B. Aerial Application - Apply in a minimum volume of 35 L/ha water. Use equipment calibrated to produce droplets with an average diameter (Volume Mean Diameter) of 200 - 250 microns. DO NOT apply when the temperature is above 30 °C, when there is no wind or when the wind is blowing towards susceptible crops.

CLEANING SPRAY EQUIPMENT

Rinse water should be discharged onto a designated disposal area or, if this is unavailable, onto wasteland away from desirable plants and water courses.
Rinsing : After using Torrent Herbicide, empty the tank completely and drain the whole system. Thoroughly wash inside the spray unit using a pressure hose. Drain, and clean any filters in the tank, pump, lines, hoses and nozzles. After cleaning the tank as above, quarter fill with clean water and circulate through the pump, lines, hoses and nozzles. Drain and repeat the rinsing procedure twice.
Decontamination (before spraying cotton and other sensitive crops; see PROTECTION OF CROPS): Wash the tank and rinse the system as above. Then quarter fill the tank and add an alkali detergent (e.g. liquid SURF, OMO, or DRIVE.) at 500 mL/100L of water or the powder equivalent at 500g/100L and circulate throughout the system for at least 15 minutes. Drain the whole system. Remove filters and nozzles and clean them separately. Finally flush the system with clean water and allow to drain.

RESISTANT WEEDS WARNING

GROUP I HERBICIDE

Torrent 242 Herbicide contains members of the pyridine and phenoxy groups of herbicides. The product has the disrupters of plant cell growth mode of action. For weed resistance management, the product is a Group I Herbicide. Some naturally-occurring weed biotypes resistant to the product and other Group I 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 this product or other Group I herbicides. Since the occurrence of resistant weeds is difficult to detect prior to use, Sipcaml accepts no liability for any losses that may result from the failure of this product to control resistant weeds. Strategies to minimise the risk of herbicide resistance are available. Contact your farm chemical supplier, consultant, local Department of Agriculture, or local Sipcaml representative.

PROTECTION OF CROPS, NATIVES AND OTHER NON-TARGET PLANTS

DO NOT use on land to be cultivated for growing susceptible crops within 12 months of applying Torrent. Legumes, vines, vegetables, cotton, tomatoes, ornamentals and many other plants are highly susceptible to this herbicide during both growing and dormant periods. Cereal crops and grasses can be sown safely after using Torrent. This product will kill legumes (clovers, medics) present in the crop at the time of spraying. In the season following application of this product the regeneration or establishment of sensitive legumes (clover, medics, peas, lupins) may be adversely affected by soil residues. Cereal crops may be reduced in height following use of this product. This height reduction is a normal response and does not represent any yield loss.
DO NOT allow spray drift onto susceptible crops, such as cotton, tomatoes, vines, fruit, potatoes, vegetables, ornamentals, tobacco, lupins and other legumes, safflower, sugar beet, hops, flowers or shade trees.
DO NOT use under meteorological conditions or with spraying equipment likely to produce drift. Minimise spray drift by using low pressures and nozzles which DO NOT give a fine droplet size.
DO NOT apply close to or on areas containing roots of desirable vegetation, where treated soil may be washed to areas growing, or to be planted to, desirable plants, or on sites where surface water from heavy rain can be expected to run off to areas containing or to be planted to, susceptible crops or plants.
DO NOT move soil which may have been sprayed to areas where desirable plants are to be grown.

PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT

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

Storage and Disposal

Store in the closed, original container in a cool, well ventilated area. Do not store for prolonged periods in direct sunlight. DO NOT store near food, feedstuffs, fertilisers or seed. Triple or preferably pressure 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 bury empty containers in a local authority landfill. If no landfill is available, bury the containers below 500 mm in a disposal pit specifically marked and set up for this purpose clear of waterways, desirable vegetation and tree roots. Empty containers and product should not be burnt.
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Table 2: WESTERN AUSTRALIA only

Crop	Crop Growth Stage	Weeds Controlled	Weeds Growth Stage	Rate / ha	CRITICAL COMMENTS
Barley, Canary grass, Oats, Triticale, Wheat	Apply from 3 leaf to early tillering (when the main shoot has 4-5 leaves and 2 or more new tillers have formed) to start of jointing (first node (Z30))	Capeweed, Doublegee, Saffron thistle, Turnip weed, Wild mustard, Wild turnip	Young rosette or seedling plants ups to 4 true leaves	600 mL	To avoid possible crop damage, DO NOT spray outside the early tillering to early jointing stage. Caution: DO NOT use this product where the land to be treated will soon be sown to lupins or peas the following year or where a volunteer medic or subclover pasture is required in the following season. Only use when a cereal crop will follow the cereal crop to be treated. ¹ Suppression only - spray early
			Young rosette or seedling plants ups to 6 true leaves	750 mL	
	wireweed ¹	up to 4 leaf			
	Apply from early to mid tillering	Docks, Sorrel	Active growth	1L	

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

WITHHOLDING PERIOD

DO NOT GRAZE OR CUT CROPS OR PASTURES FOR STOCK FOOD FOR 7 DAYS AFTER APPLICATION. HARVEST: NOT REQUIRED WHEN USED AS DIRECTED.

MINIMUM RECROPPING PERIODS

Picloram, one of the active constituents in this product, remains active in the soil for extended periods depending on rate of application, soil type, rainfall, temperature, humidity, soil moisture and soil organic matter.

DO NOT plant susceptible broadleaf crops within 12 months of applying the product. Cereal crops and grasses can be sown safely after using Torrent Herbicide for in-crop weed control.

GENERAL INSTRUCTIONS

MIXING

Torrent 242 Herbicide can be mixed with water only. Mix only sufficient chemical for each days use and avoid storing mix. Half fill the spray tank with water and add the required quantity of Torrent 242 Herbicide and complete filling. Agitate continuously to ensure thorough mixing before and during application. **Tank mixtures:** Wettable powder or dry flowable formulations (e.g. water dispersible granules) should be added to the spray tank first, followed by suspension concentrates (flowables), water soluble salts and then emulsifiable concentrate formulations (e.g. Acclaim). Add spraying oils and surfactants (wettors) last, if required.

SMALL SPILL MANAGEMENT

Wear protective equipment (See SAFETY DIRECTIONS). Apply absorbent material such as earth, sand, clay granules or cat litter to the spill. Sweep up material for disposal when absorption is completed and contain in a refuse vessel for disposal (see STORAGE AND DISPOSAL section). If necessary wash the spill area with an alkali detergent and water and absorb as above the wash liquid for disposal as described above.

SAFETY DIRECTIONS

Harmful if swallowed. Attacks eyes. Will irritate the skin. Avoid contact with eyes and skin. If product in eyes, wash it out immediately with water. DO NOT inhale spray mist. When preparing the spray and using the prepared spray wear cotton overalls buttoned to the neck and wrist and a washable hat, elbow length PVC gloves and goggles. 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, goggles and contaminated clothing.

FIRST AID

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NOTICE TO BUYER

Sipcam Pacific Australia Pty Limited (Sipcam) shall not be liable for any loss, injury, damage or death whether consequential or otherwise whatsoever or howsoever arising whether through negligence, use under abnormal conditions 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 Sipcam's skill or judgment in purchasing or using the product and every person dealing with this product does so at their own risk.

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FRONT

BACK