



## CAUTION

**KEEP OUT OF REACH OF CHILDREN**

**READ SAFETY DIRECTIONS BEFORE OPENING OR USING**

**ACTIVE CONSTITUENT:**

788 g/L Paraffinic Oil

**CONTENTS:**

20 L, 110 L, 1000 L

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**A targeted paraffinic concentrate for the control or suppression of certain pests in broadacre crops and cotton, a carrier for ULV insecticides, and a defoliation aid for cotton as per the Directions for Use table.**

**SAFETY DIRECTIONS**

Will irritate the eyes. May irritate the skin. Avoid contact with the eyes and skin. When opening the container and preparing the spray wear elbow-length PVC gloves and face shield or goggles. If the product gets in eyes, wash out immediately with water. Wash hands after use. After each day's use wash gloves and face shield or goggles.

WHEN USING WITH ANOTHER CHEMICAL CONSULT THE SAFETY DIRECTIONS OF THE COMPANION PRODUCT.

**FIRST AID INSTRUCTIONS**

If poisoning occurs, contact a doctor or Poisons Information Centre (Phone Australia: 13 11 26). If swallowed **DO NOT** induce vomiting.

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## GENERAL INSTRUCTIONS

This product can be used, as indicated in the directions for use, to control or suppress green mirids, silverleaf whitefly and cotton aphids in cotton, Helicoverpa spp in cotton, pulse and oilseed crops, and green peach aphids, diamond back moth in pulse and oilseed crops and as a carrier for ULV insecticides or as a cotton defoliation aid with Diuron or Thidiazuron / Diuron. Parachute® will also enhance the performance of Dipel\* 1 SC in canola and the performance of selective grass herbicides used in broadacre cropping.

## MIXING INSTRUCTIONS

- When using as a carrier for ULV and Low Volume insecticide applications **DO NOT** mix with water.

**BLEND ONLY WITH COMPATIBLE ULV INSECTICIDE FORMULATIONS** – the required mixture can either be blended in a separate clean and dry vessel, or directly in the spray tank. In both cases, add the larger volume last and ensure the whole BLEND is continuously agitated, preferably by recirculation. Other compatible materials should only be added after thorough blending. Thoroughly blend all the materials after each addition.

When mixing in the spray tank, firstly add 25-30% of the total Parachute® amount, then add the required volume of insecticide and lastly the remaining Parachute® amount required, continuously agitating by stirring or by recirculation.

- When using as a defoliation aid, one-quarter fill the spray tank with water and then add the required amount of Dropp\* Ultra or WP, then Parachute®, then the remainder of the water with agitator running.

- When mixing with other products always refer to companion product label.

## PROTECTION OF LIVESTOCK, FISH, CRUSTACEANS AND ENVIRONMENT

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

## STORAGE AND DISPOSAL

Store in the closed, original container in a cool, well ventilated area. **DO NOT** store for prolonged periods in direct sunlight.

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.

If not recycling, break, crush, or puncture and deliver empty packaging for appropriate disposal 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 1000 L containers, empty contents fully into application equipment. Close all valves and return to point of supply for refill or storage.

## DIRECTIONS FOR USE:

### AS AN INSECTICIDE

CROP	PETS CONTROLLED	STATE	RATE	CRITICAL COMMENTS
Cotton	<i>Helicoverpa</i> spp.	Qld, NSW, WA, NT only	2% or 2 L/100 L of water	If predator/pest ratio* > 0.45 and there are between 2 to 4 very small and small larvae per metre then apply by ground rig using a minimum of 80 L/ha of water. Target early instar stages. Apply only by ground rig before crop closure.  * Predator to pest ratio equals total number of predators per metre (visual check) divided by the number of <i>Helicoverpa</i> eggs and very small plus small larvae; consult Australian Cotton CRC IPM guidelines.
	Cotton aphids ( <i>Aphis gossypii</i> )		2% or 2 L/100 L of water	Apply by ground rig using a minimum of 80 L/ha of water.  Use alone to control early to mid-season populations of less than 20 aphids per terminal. <b>DO NOT</b> rely on Parachute® alone to control more than 20 aphids per terminal shoot. If populations exceed 20 per terminal use Parachute® in a mixture with a registered aphicide.
	Green mirids ( <i>Creontiades dilutus</i> )	All states	2 – 5% v/v or 2 – 5 L/ 100 L of water	Apply low rate for suppression of fewer than 0.5 mirids/m.  Apply high rate if population reaches threshold of 0.5 mirids/m or alternatively apply 2 successive low rate sprays not more than 7 days apart. Apply in a volume of at least 80 L/ha from the ground. When pressure is high, use Parachute® in combination with another insecticide registered for the control of green mirids.
			1 – 2% or 1 – 2 L/100 L of water (Suppression only)	Include Parachute® in tank-mix when applying any other insecticide. Use a minimum of 2 L/ha when applying from the air.  Note: Parachute® is not restricted by resistance management strategies and can be applied in combination with most insecticides to simultaneously suppress the rate of mirid population development.
Silverleaf whitefly ( <i>Bermisia tabaci</i> ) (Suppression only)	All states	2% v/v (min 2 L/sprayed ha)	Apply in a minimum of 100 L/ha (sprayed ha) for ground application either alone or in combination with another registered insecticide. Use in combination with another registered insecticide when applying from the air. Multiple applications are more effective. (14 day intervals).  Parachute® is most effective when targeted at low, early season populations in conjunction with weed host management strategies or when used in Zone 2A of the SLW threshold matrix (Consult Cotton Pest Management Guide).	
Canola	Cabbage moth/ Diamond back moth ( <i>Plutella xylostella</i> )	All states	Apply at 1 – 2% or 1 – 2 L/100 L of water in combination with	Parachute® will enhance the efficacy of Dipel <sup>1</sup> SC. Target early instar stages of growth. Follow all the directions on the

			<i>Bacillus thuringiensis</i> (Dipel <sup>1</sup> SC) at its label rate	Dipel <sup>1</sup> SC label. Use the higher rate for heavy pest pressure.
Pulse crops and oilseed crops including: Adzuki beans, canola. Chickpeas, Faba beans, Field peas, Lentils, Linola, Linseed, Lucerne, Lupins, Mungbeans, Navy beans, Pigeon Peas, Safflower, Soybeans, Sunflower, Vetch	Green peach aphid ( <i>Myzus persicae</i> ) (suppression only)	All States	1 – 2 L/ha	When aphids first appear in spring use low rate. Repeat application within 14 days. If commercial threshold is reached then apply high rate. A second application within 14 days may be required. For higher populations use low rate in mixture with alternative aphicide. Always apply in high volume (at least 80 L/ha) of water.  Parachute <sup>®</sup> is best used as part of an IPM program in which beneficial insects contribute to control. Parachute <sup>®</sup> will not disrupt natural enemies.
	<i>Helicoverpa</i> spp. (suppression only)		Apply at 2% or 2 L/100 L of water either alone twice 7 days apart or in combination with Nuclear Polyhedrosis Virus of <i>Helicoverpa</i> spp. at its label rate e.g. Gemstar* or Vivus*.	Parachute <sup>®</sup> applied alone will suppress populations within the range 20-50% and is best used as part of an IPM program in which beneficial insects contribute to control.  Target early instar stages and use high spray volume (at least 80 L/ha) of water. Parachute <sup>®</sup> will not disrupt natural enemies.

#### AS A CARRIER FOR LOW VOLUME AND ULV APPLICATIONS

Use the compatible ULV insecticide at the rate specified on the insecticide label. Blend by thoroughly mixing the required quantity of insecticide with sufficient Parachute<sup>®</sup> to enable satisfactory operation of the application equipment. Apply only with aircraft fitted with rotary atomisers.

Parachute<sup>®</sup> can be mixed with Gemstar\* Biological Insecticide for ULV application. Refer to the Gemstar\* label.

#### AS A DEFOLIATION AID

CROP	PETS CONTROLLED	STATE	RATE	CRITICAL COMMENTS
Cotton	Defoliation aid	NSW, Qld only	0.5 L/ha	Apply with Dropp* Ultra or Dropp* WP in accordance with their labels

#### AS AN ADJUVANT

CROP	PETS CONTROLLED	STATE	RATE	CRITICAL COMMENTS
Cotton, Cereals, Pulses and oilseeds	Refer to herbicide labels	All States	0.5 L - 1.0 L/ha	Parachute <sup>®</sup> may be used wherever mineral or seed based oils are recommended unless omission of mineral oils is specifically recommended. Parachute <sup>®</sup> is compatible with a wide range of herbicides including: clethodim, haloxyfop P (methyl), quizalofop-pethyl, clodinafop propargyl/cloquintocet-mexyl.
Broadacre cropping including fallow			0.5 L – 1.0 L	Apply a minimum of 250 mL Parachute <sup>®</sup> per ha.

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

#### WITHHOLDING PERIODS

**DO NOT HARVEST FOR 1 DAY AFTER APPLICATION.**

**Always adhere to the withholding period(s) on the label of any products used in conjunction with Parachute<sup>®</sup>.**

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