

**WARNING**  
**KEEP OUT OF REACH OF CHILDREN**



# **SIMANEX<sup>®</sup> SC HERBICIDE**

**GROUP C1 HERBICIDE**

**For selective pre-emergence control of broadleaf weeds and grasses in lucerne, orchards, vineyards, forestry and certain horticultural crops, and control of barley grass as shown under the directions for use**

**READ THE ATTACHED BOOKLET COMPLETELY BEFORE MIXING OR APPLYING**

**Active Ingredient:**

Contains 500 g/L SIMAZINE in the form of a suspension concentrate, also contains 50 g/L ETHYLENE GLYCOL

ADAMA New Zealand Limited  
Level 1, 93 Bolt Road  
Tahunanui, Nelson 7011  
PO Box 1799, Nelson 7040  
New Zealand  
Telephone 03 543 8275  
[www.adama.com](http://www.adama.com)

NET CONTENTS

**20 L**

# **ADAMA**

**REFER TO BOOKLET FOR FULL LABEL INSTRUCTIONS.****HAZARD CLASSIFICATIONS: 6.3B, 6.4A, 6.5B, 6.9B, 9.1A, 9.2A****PCBU RESPONSIBILITIES**

A PCBU with management or control of work using this substance must ensure that every worker who uses, handles, manufactures, or stores this hazardous substance (including hazardous waste) is, before the worker is allowed to carry out or supervise work involving those substances, provided with adequate information, training and instruction. This includes the use of personal protective equipment to be used to minimise risks to the health and safety of workers when carrying out work using this substance.

**QUALIFICATIONS REQUIRED FOR APPLICATION OF CLASS 9 SUBSTANCES**

Anyone who mixes, loads, or applies this product, either by air or ground based methods, is required to be suitably qualified, or must receive guidance and, if required, assistance from a suitably qualified person. Refer to Schedule 10 of the Hazardous Substances (Hazardous Property Controls) notice 2017 for a list of suitable qualifications.

**RECORD KEEPING**

A PCBU with management or control of the substance must ensure that a written record is kept of each application of this substance. This record must include the product name, date and time of each application, amount of substance applied, location where the substance was applied, wind speed and direction and electronic data files indicating the application area (if applied by air), and details of measures taken to ensure no adverse effects beyond the boundary of the application area.

**WARNING**

**Causes mild skin irritation.**

**May cause an allergic skin reaction.**

**Causes serious eye irritation.**

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

**ECOTOXICITY**

**Very toxic to aquatic life with long lasting effects. Do not apply onto or into water.** Avoid contamination of any water supply with product or empty container.

**Very toxic in the soil environment.**

**HANDLING PRECAUTIONS**

Keep out of reach of children.

Do not eat, drink or smoke while using.

Use personal protective equipment as described in the personal protection section of this label.

Do not breathe spray mist.

Wash exposed skin thoroughly after handling.

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

**EQUIPMENT**

A PCBU with management or control of work using this substance must ensure that equipment used to handle this substance retains the substance, without leakage, at all of the temperatures and pressures at which the equipment is to be used; and dispenses or applies the substance, without leakage, at a rate and in a manner that the equipment is designed for. The PCBU must ensure that the equipment is accompanied by documentation that is readily available and readily understandable about the use and maintenance of the equipment.

**STORAGE**

Store in the original, tightly closed container in a cool, dry place, out of direct sunlight and away from stockfeed or foodstuffs.

Secondary containment and emergency response plans are required where greater than 100 L of this product are stored.

**TRANSPORT**

Do not carry greater than 1 L of this product on a passenger service vehicle.

**SHELF LIFE**

When stored appropriately this product should show no significant degradation for two years from the date of manufacture. Contact your supplier for further information about the use of any product that is older than this.

**PERSONAL PROTECTION**

When mixing or applying wear appropriate protective clothing including cotton overalls buttoned to the neck and wrist, eye protection, impervious, elbow-length gloves and boots. Wash hands, arms and

face with soap and water before meals and after work. Contaminated work clothing should not be allowed out of the workplace.

#### **SPILLAGE**

Exclude all bystanders from the vicinity of the spill and prevent material from entering waterways. Wear appropriate protective clothing as in the personal protection section of this label to clean up spills. Absorb spills with an inert material (such as vermiculite, earth, sand or synthetic absorbent substance) and place in waste containers. Wash area with water and alkaline detergent. Then absorb any remaining liquid with further inert material. Dispose of the waste safely in an approved landfill.

#### **DISPOSAL**

**Container Disposal** - Triple rinse empty container and add rinsate to spray tank. Submit clean empty container to an Agrecovery<sup>®</sup> depot for recycling. Alternatively, puncture and bury in a suitable landfill. Avoid contamination of any water supply with product or empty container.

**Product Disposal** - Dispose of this product only by using according to the label, or through the Agrecovery<sup>®</sup> Chemical Recovery service or other approved facility.

## **FIRST AID**

**If medical advice is needed, have product container or label at hand.**

**For advice or if you feel unwell, contact the National Poisons Centre 0800 POISON (0800 764766) or a doctor.**

**IF ON SKIN:** Wash with plenty of soap and water. If skin irritation or rash occurs, get medical attention. Wash contaminated clothing before reuse.

**IF IN EYES:** Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. If eye irritation persists, get medical attention.

## **CONDITIONS OF SALE**

ADAMA New Zealand Limited will not accept any responsibility whatsoever and howsoever arising and whether for consequential loss or otherwise in connection with the supply of these goods other than the responsibility for the merchantable quality of the goods and such responsibilities mandatorily imposed by the Statutes applicable to the sale and supply of these goods. To the extent allowed by such Statutes the liability of ADAMA New Zealand Limited is limited to the replacement of the goods or (at the option of ADAMA New Zealand Limited) the refund of the price paid and is conditional upon a claim being made in writing and where possible sufficient part of the goods to enable proper examination being returned to ADAMA New Zealand Limited within thirty days of delivery.



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See [www.epa.govt.nz](http://www.epa.govt.nz) for approval controls

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**EMERGENCY RESPONSE**  
(All hours)  
Ring from anywhere in New Zealand  
**0800 734 607**

In a Transport  
Emergency  
Phone 111  
Police or Fire

Batch Number:  
Date of Manufacture:

*Bar code to be inserted*

**WARNING**  
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**SAFETY DATA SHEET**

A Safety Data Sheet for this product is available from ADAMA New Zealand Limited on request. Call 03 543 8275.

**PRODUCT INFORMATION**

SIMANEX SC HERBICIDE is a pre-emergent herbicide which selectively controls certain broadleaf weeds and grasses in various crops. In non-agricultural areas the application of the higher rates will provide long term control of a wide range of weeds and grasses. Established perennial species are not always satisfactorily controlled.

Since this product enters weeds mainly through their roots, its effectiveness depends on rainfall or irrigation after application to move it down into the weed root zone. Duration and effectiveness of the control depends on the amount of chemical applied, soil type, rainfall and particular weed species.

**DIRECTIONS FOR USE**

**TAKE ALL REASONABLE STEPS TO ENSURE THAT THE SUBSTANCE DOES NOT CAUSE ANY SIGNIFICANT ADVERSE EFFECTS TO THE ENVIRONMENT BEYOND THE APPLICATION AREA.**

**It is an offence for users of this product to cause residues exceeding the relevant MRL in the Food Notice: Maximum Residues Levels for Agricultural Compounds.**

**FORESTRY**

CROP	WEEDS CONTROLLED	RATE/HA	CRITICAL COMMENTS
Conifer transplants	A wide range of annual and perennial grasses and	2-5 L	Apply shortly after transplant but before weeds germinate.

CROP	WEEDS CONTROLLED	RATE/HA	CRITICAL COMMENTS
<b>Radiata pine forestry</b> site preparation on pasture land	broadleaf weeds at germination. It has no effect on established weeds.	5-6 L	Apply with amitrole or glyphosate 36% ai at recommended rates. Apply along a 1 m strip or as a 1 m diameter spot treatment along the proposed planting line. Application can be made at any time up to planting. However, it is advisable to wait until the effects of the knockdown herbicide are apparent to ensure planting stays within the treated areas.
<b>Radiata pine seedbeds</b>		1.5-2 L	Apply at least 1 month after emergence is complete.

### HORTICULTURAL CROPS

CROP	WEEDS CONTROLLED	RATE/HA	CRITICAL COMMENTS
<b>Asparagus</b>	A wide range of annual and perennial grasses and broadleaf weeds at germination. It has no effect on established weeds.	4-10 L	Use on established beds only and do not apply during the spear cutting season.
<b>Broad beans</b>		2 L	Do not use on small seeded varieties such as Coles Early Dwarf growing in light soils.
<b>Bulbs</b>		2-4 L	Apply immediately after planting out to tulips, narcissi, hyacinths.
<b>Pipfruit, citrus</b>		4-10 L	Apply to established trees only.
<b>Berryfruit</b>			Apply only in the dormant season.
<b>Kiwifruit, grapes, hops</b>	A wide range of annual and perennial grasses and broadleaf weeds at germination. It has no effect on established weeds.	4-10 L	Apply to established vines only. Avoid spraying the leaves. Do not apply to kiwifruit within 4 weeks of harvest.
<b>Strawberries</b>		2-3 L	Apply between rows or overall runner beds when mother plants are well established and just as the runners begin to root. Test a small area first as some varieties are more sensitive to SIMANEX SC HERBICIDE than others.

### ESTABLISHED LUCERNE

CROP	WEEDS CONTROLLED	RATE/HA	CRITICAL COMMENTS
<b>Established lucerne</b>	A wide range of annual and perennial grasses and broadleaf weeds at germination. It has no effect on established weeds.	1.5-2 L	Apply during winter dormancy in combination with 3 L of paraquat 20% ai. Apply when lucerne plants have developed a crown.

### NONCROP SITUATIONS

CROP	WEEDS CONTROLLED	RATE/HA	CRITICAL COMMENTS
<b>Noncropland areas, industrial areas, roadsides, footpaths, drives, etc</b>	A wide range of annual and perennial grasses and broadleaf weeds at germination. It has no effect on established weeds.	16 L	Use sufficient water to obtain even coverage. If existing vegetation is present, add a knockdown herbicide such as glyphosate 36%.



CROP	WEEDS CONTROLLED	RATE/HA	CRITICAL COMMENTS
Shelter beds		2-5 L	SIMANEX SC HERBICIDE is safe to use on betula, casuarina, cryptomeria, chamaecyparis, eucalyptus, thuja, phebalium, phormium, pittosporum, poplars and willows. Treat other species with caution. Do not treat plants with very shallow roots.
Stock yards, stock camps, fence lines, around farm buildings, drain verges and particularly fence lines bordering grass or clover seed crops, hay paddocks and other crop paddocks	Barley grass	160 mL plus 300 mL paraquat 20% ai/ 100 L water	Apply as a spot application to barley grass at the early green seed head stage. Ensure complete wetting of plants. Follow up treatment of any seedling regrowth should be undertaken during the succeeding winter period. SIMANEX SC HERBICIDE plus paraquat mixture is not recommended for selective control of barley grass in pastures.

### MIXING

Invert container several times before opening. Stir well. Add the full quantity of product to the partly filled spray tank while agitating. Fill tank and agitate to ensure thorough mixing and continue agitation while spraying. Agitate vigorously from the bottom if allowed to stand. Reseal part used containers immediately.

### COMPATIBILITY

This product is compatible with diuron. It can be applied with glyphosate, paraquat, diquat and paraquat-diquat mixtures, provided the mixture is agitated. If allowed to stand, agitate vigorously.

### APPLICATION

Apply in a minimum spray volume of 50 L/ha. Higher volumes of water are desirable as this increases effectiveness and accuracy of distribution.

### PROTECTION OF CROPS, NATIVE AND NON-TARGET PLANTS

When spraying for total weed killing purposes, care should be taken not to spray beds where desirable annual plants are to be grown. Avoid drift of spray on to garden beds and plants. Crops such as beetroot, lettuce, cabbage, tomatoes, cucumber and carrots are particularly sensitive to SIMANEX SC HERBICIDE residues. Do not use in channels or drains or in other situations where roots of desirable plants or shrubs may extend. Do not use near newly planted shrubs, young ornamentals and other species with surface roots.

### RESISTANCE MANAGEMENT

SIMANEX SC HERBICIDE contains the **GROUP C1** Triazine herbicide, simazine. Do not use another product containing a herbicide in the same group in conjunction with SIMANEX SC HERBICIDE, and where possible alternate the types of herbicides used within any one paddock over time. Herbicides from different group codes should either be used alternately or mixed together to prevent the numbers of resistant individuals building up. Since the occurrence of resistant weeds is difficult to detect prior to use, ADAMA New Zealand Ltd accepts no liability for losses that may result from the failure of this product to control resistant weeds.

### CONDITIONS OF SALE

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