

# POISON

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

# PAYLOAD® HERBICIDE

ACTIVE CONSTITUENT: 750g/kg FLUMIOXAZIN

GROUP	14	HERBICIDE
-------	----	-----------

For enhanced knockdown and residual control of various grass and broadleaved weeds in non-crop areas, irrigation channel banks and drainage ditches, as per the Directions for Use table.

NET CONTENTS: 0.465 kg - 24 kg  
Size of sachets: 93 g - 1.2 kg  
Number of sachets: 4 - 20, which it is illegal to sell separately  
Size of water soluble bags: 93 g - 1.2 kg  
Number of water soluble bags in each sachet: 1 - 10



SUMITOMO CHEMICAL AUSTRALIA PTY LTD  
51 Rawson Street  
Epping NSW 2121  
Tel: 02 8752 9000  
A B N: 21 081 096 255

® Registered Trademark of Sumitomo Chemical Co Limited, Japan

## RESTRAINTS

**DO NOT** apply by aircraft.

**DO NOT** apply for residual weed control until the start of the main rain season when significant soil wetting rain has occurred (at least 15mm) and more rain is likely within three weeks, or the soil can be irrigated with sprinklers.

**DO NOT** apply for residual control if a large population of big weeds is present or large amounts of trash - as these may prevent the chemical reaching the soil.

**DO NOT** apply if heavy rains or storms that are likely to cause runoff are forecast within 3 days.

**DO NOT** apply on sandy soils in areas where the slope exceeds 4%.

**DO NOT** apply in high pH water (pH >7).

**DO NOT** allow the spray mix to stand overnight.

**DO NOT** disturb treated soil surface after application.

**DO NOT** apply to areas where treated dust thrown up by vehicle traffic or strong wind is likely to blow on to crops or gardens as this may cause spotting. Apples, pears and stone fruit are particularly sensitive and a buffer of 250m may be required.

## SPRAY DRIFT RESTRAINTS

Specific definitions for terms used in this section of the label can be found at [apvma.gov.au/spraydrift](http://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 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 to two hours after sunrise.

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

- Spray droplets not smaller than a COARSE spray droplet size category.
- Minimum distances between the application site and downwind sensitive areas (see 'Mandatory buffer zones' section) are observed.

### Buffer zones for boom sprayers

Application rate	Mandatory downwind buffer zones	
	Natural aquatic areas	Vegetation areas
Up to maximum label rate	5 metres	50 metres

## DIRECTIONS FOR USE

**Table A: PAYLOAD Herbicide applied for weed control in non-crop areas.**

### RESTRAINTS (additional)

**DO NOT** make more than two applications per year. A minimum interval of 3 months between applications must be observed.

USE SITUATION	WEEDS CONTROLLED	RATE g per sprayed ha	CRITICAL COMMENTS
<p><b>Boom spraying</b> <b>For enhanced burndown and long term residual control of broadleaf weeds and grasses in commercial and industrial areas.</b></p> <p>This includes rights-of way, road sides, edges of railway lines, and around buildings, guideposts, power and telephone poles and fencelines.</p>	<p><i>Amaranthus</i> spp. Annual ryegrass (<i>Lolium rigidum</i>) Balsam pear (<i>Mormordica charantia</i>) Barnyard grass (<i>Echinochloa colona</i>) Blackberry nightshade (<i>Solanum nigrum</i>) Bladder ketmia (<i>Hibiscus trionum</i>) Bluetop / Billygoat weed (<i>Ageratum houstonianum</i>) Calopo (<i>Calopogonium mucunoides</i>) Caltrop / Yellow vine (<i>Tribulus terrestris</i>) Capeweed (<i>Arctotheca calendula</i>), Common sida(<i>Sida rhombifolia</i>) Crassula (<i>Crassula colorata</i>), Creeping speedwell (<i>Veronica persica</i>), Crowsfoot (<i>Eleusine indica</i>) Dwarf nettle or stinging nettle (<i>Urtica urens</i>), Fat Hen (<i>Chenopodium album</i>), Feathertop Rhodes grass (<i>Chloris virgata</i>) Fleabane (<i>Conyza bonariensis</i>) Giant pigweed(<i>Trianthema portulacastrum</i>) Green summer grass (<i>Brachiaria subquadripara</i>) Hog weed/Wireweed (<i>Polygonum aviculare</i>) <i>Ipomoea</i> spp. (Bell vine, Morning glory, Pink convolvulus, Red convolvulus, Star of Bethlehem) Marshmallow (<i>Malva parviflora</i>), Milk/Sow thistle (<i>Sonchus oleraceus</i>) Milkweed (<i>Euphorbia heterophylla</i>) Perennial ryegrass (<i>Lolium perenne</i>) <i>Phyllanthus</i> spp. Pigweed / Red pigweed (<i>Portulaca oleracea</i>) Ribwort (<i>Plantago lanceolate</i>) Sicklepod (<i>Cassia obtusifolia</i>) Small flowered mallow (<i>Modiola caroliniana</i>) Spider flower / Wild rose (<i>Cleome aculeate</i>) Summer grass (<i>Digitaria ciliaris</i>) Square weed (<i>Spermacoce latifolia</i>) Squirreltail fescue (<i>Vulpia bromoides</i>) Toadrush (<i>Juncus bufonius</i>), Turnip weed (Rapistrum <i>rugosum</i>), Wild mustard (<i>Sinapis arvensis</i>), Wild radish (<i>Raphanus raphanistrum</i>), Wild turnip (<i>Brassica tournefortii</i>)</p>	<p>372 - 465</p> <p><b>Equivalent to 4 - 5 bags of 93 g</b></p>	<p>PAYLOAD Herbicide needs at least 15 mm of irrigation or rain to activate, and therefore should be applied during the main rainfall period. Apply to bare soil using a directed spray</p> <p>When large weeds are present and boom spraying is required, use a knockdown herbicide at the full rate, <u>allow weeds to die back</u> and ensure trash is minimal before application of PAYLOAD Herbicide.</p> <p>PAYLOAD Herbicide can be applied with a non-selective knockdown herbicide over small weeds (&lt;10 cm diameter) and may improve burndown. Use a high enough rate of the non-selective to achieve good control.</p> <p>For improved burndown apply with Hasten or Kwickin Spray Adjuvant at 0.5 - 1L/100L (use the lower rate on smaller, actively growing weeds), or Uptake Spraying Oil at 500 mL/100L</p> <p>A minimum of 200L/ha of spray mixture is recommended for boom spraying. Use more water with heavy stubble or trash.</p> <p>It is recommended that boom sprayers are shielded to reduce drift.</p> <p>Use the higher rate if conditions exist where efficacy may be reduced or if longer term residual control is required.</p> <p><b>Efficacy may be reduced by:</b></p> <ul style="list-style-type: none"> <li>-soil movement</li> <li>- shadowing caused by trash, heavy stubble or large clods and stones.</li> <li>- thick trash</li> <li>- long dry conditions after rain or irrigation</li> <li>- high pressure from large seeded weeds that can germinate from moisture at depth through dry surface soil.</li> </ul> <p>In these conditions reliability may be improved by the addition of a suitable herbicide with stronger grass activity and more solubility.</p> <p>PAYLOAD is compatible with glyphosate, paraquat, imazapyr, sulfometuron and bromacil.</p>
<p><b>High volume spot</b></p>			<p>PAYLOAD herbicide may also be applied as a spot spray with an appropriate non-selective herbicide. Use a high enough rate of the non-selective to achieve good</p>

<p><b>spraying</b></p> <p>Around objects such as: guideposts, power and telephone poles</p>		<p>control.</p> <p>PAYLOAD Herbicide needs at least 15 mm of irrigation or rain to activate, and therefore should be applied during the main rainfall period. Thorough wetting of foliage present is needed and if long term residual is required then the herbicide must reach the ground at the same rate as for boom spraying.</p> <p>For improved burndown apply with Hasten or Kwickin Spray Adjuvant at 0.5 - 1L/100L (use the lower rate on smaller, actively growing weeds), or Uptake Spraying Oil at 500 mL/100L</p> <p>Estimate the water rate to be applied per hectare by spraying 10m<sup>2</sup> (roughly 3.2 x 3.2m) and recording the amount of water used to achieve good coverage of weeds and soil. Multiply this amount by 1000 to give the water rate per hectare.</p> <p>Add the recommended rate per hectare to this amount of water for spot spraying (or in the same proportions).</p> <p>Note: areas with large weeds and grasses may require up 1000L/ha.</p> <p>For example, if the water volume required per 10 m<sup>2</sup> to achieve good coverage is 1L, the rate required per hectare (10 000 m<sup>2</sup>) will be 1000L. The PAYLOAD rate required will be 465g per 1000L of spray water, or <b><u>one 93g bag per 200L.</u></b></p> <p>Use the higher rate if conditions exist where efficacy may be reduced or if longer term residual control is required.</p> <p><b>Efficacy may be reduced by:</b></p> <ul style="list-style-type: none"> <li>-soil movement</li> <li>- shadowing caused by trash, heavy stubble or large clods and stones.</li> <li>- thick trash</li> <li>- long dry conditions after rain or irrigation</li> <li>- high pressure from large seeded weeds that can germinate from moisture at depth through dry surface soil.</li> </ul> <p>In these conditions reliability may be improved by the addition of a suitable herbicide with stronger grass activity and more solubility.</p> <p>PAYLOAD is compatible with glyphosate, paraquat, imazapyr, sulfometuron and bromacil.</p>
---	--	--

**Table B. PAYLOAD Herbicide applied for weed control in irrigation channel banks and drainage ditches.**

**RESTRAINTS (additional)**

**DO NOT** make more than one application per year.

USE SITUATION	WEEDS CONTROLLED	RATE g per sprayed ha	CRITICAL COMMENTS
<b>Irrigation channel banks and drainage ditches</b>	<i>Amaranthus</i> spp Balsam pear ( <i>Mormordica charantia</i> ) Barnyard grass ( <i>Echinochloa colona</i> ) Bladder ketmia ( <i>Hibiscus trionum</i> ) Bluetop/Billygoat weed ( <i>Ageratum houstonianum</i> ) Calopo ( <i>Calopogonium mucunoides</i> ) Caltrop/yellow vine ( <i>Tribulus terrestris</i> ) Crowsfoot ( <i>Eleusine indica</i> ) Feathertop Rhodes grass ( <i>Chloris virgata</i> ) Fleabane ( <i>Conyza bonariensis</i> ) Green summer grass ( <i>Brachiaria subquadrifera</i> ) Ipomoea spp (Bell vine, Morning glory, Pink convolvulus, Star of Bethlehem) Milk/sow thistle ( <i>Sonchus oleraceus</i> ) Milkweed ( <i>Euphorbia heterophylla</i> ) Phyllanthus spp. Red pigweed ( <i>Portulaca oleracea</i> ) Sicklepod ( <i>Cassia obtusifolia</i> ) Summer grass ( <i>Digitaria ciliaris</i> ) Square weed ( <i>Spemacoce latifolia</i> ) Wild rose ( <i>Cleome aculeata</i> )	372 – 465  <b>Equivalent to 4 - 5 bags of 93 g</b>	PAYLOAD Herbicide needs at least 15 mm of rain to incorporate/activate, and therefore should be applied during the main rainfall period when 15 mm of rain is expected within 3 weeks. Channels must be completely empty at the time of application. If the required rain has not fallen and it is necessary to use the irrigation channel, fill it with water and allow it to stand for 24 hours then drain off the water in the channel and run to waste. If existing weeds are present at > 2 leaf stage then non-selective knockdown herbicides such as paraquat or glyphosate should be used to control these in mixtures with PAYLOAD Herbicide.  For improved burndown apply with Hasten or Kwickin Spray Adjuvant at 0.5 - 1L/100L (use the lower rate on smaller, actively growing weeds), or Uptake Spraying Oil at 500 mL/100L

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

**WITHHOLDING PERIODS:**

**NON-CROP AREAS**

**GRAZING: DO NOT GRAZE OR CUT FOR STOCK FOOD FOR 4 WEEKS AFTER APPLICATION**

**IRRIGATION CHANNEL BANKS AND DRAINAGE DITCHES:**

**GRAZING: DO NOT GRAZE OR CUT FOR STOCK FOOD FOR 8 WEEKS AFTER APPLICATION**

**GENERAL INSTRUCTIONS**

**MIXING**

PAYLOAD is a water dispersible granule formulation and is contained within a water soluble bag. The water soluble bags dissolve readily in water. **DO NOT** handle water soluble bags or expose to moisture

because this may cause breakages. **DO NOT** touch bags with wet hands or place on wet surfaces. **DO NOT** damage foil Sachets that contain the water soluble bags. Protect unused Sachets by keeping them in the original container. Open Sachets only as needed.

To ensure even mixing, half-fill the spray tank with clean water. Tear open the necessary number of sachets and drop the water soluble bags contained in them into the spray tank **without touching the bags**. Keep the agitation system engaged. Mix thoroughly until fully dissolved. Add the knockdown herbicide and remaining water. Mix thoroughly. Add spray additive near the end of the filling process to minimize foaming. Always maintain adequate agitation during application and use the tank mix promptly.

## APPLICATION

Apply in a minimum of 200 L spray solution per hectare.

Refer to the Directions for Use and General Instructions of the knockdown herbicide label.

As PAYLOAD is a contact herbicide, coverage is important.

Performance of PAYLOAD as a knockdown or with a partner on weeds may be reduced with large droplets and poor coverage.

Air induction nozzles that deliver coarse droplets at high travelling speeds, low pressure and low water rates may reduce coverage and herbicide performance.

Air induction nozzles can produce variable results when used with oil.

Do not use air induction nozzles with a spray oil such as Hasten.

Best results with PAYLOAD are achieved with a wide angle flat fan or twin jet nozzles.

## SPRAYER CLEANUP

When cleaning spraying equipment, wear cotton overalls buttoned to the neck and wrist and elbow-length chemical resistant gloves.

After PAYLOAD is applied the following steps must be taken to clean the spray equipment.

1. Completely drain the spray tank, rinse the sprayer thoroughly, including the inside and outside of the tank and all in-line screens.
2. Fill the spray tank with clean water and flush all hoses, booms, screens and nozzles.
3. Add 1 litre of 3% household ammonia or similar alkaline based tank cleaner for every 100litres of water, circulate through sprayer for five minutes, then flush all hoses, booms, screens and nozzles for a minimum of fifteen minutes.
4. Drain tank completely.
5. Add enough clean water to the spray tank to allow all hoses, booms, screens and nozzles to be flushed for two minutes.
6. Remove all nozzles and screens and rinse them in clean water.

Equipment with PAYLOAD residue remaining in the system may result in crop injury to the subsequently treated crop.

## COMPATIBILITY

PAYLOAD Herbicide is compatible with: Glyphosate 450, Roundup Powermax Herbicide, Roundup Ready Herbicide with Plant Shield, Roundup Max Herbicide by Monsanto, Nufarm Weedmaster DST or Nufarm Weedmaster Argo Dual Salt Technology Herbicide, Spray.Seed 250 Herbicide or Nufarm Revolver Herbicide, Gramoxone Herbicide or Nufarm Nuquat 250 Non-residual Knockdown Herbicide, 2,4-D Ester Herbicide or Nufarm Estercide Xtra 680 or Nufarm Estercide 800 Herbicide, Nufarm Amicide Advance 700 Selective Herbicide, Hasten\*, Kwickin\* and Banjo® at 0.5-1L/100L and with Uptake\* at 0.5L/100L

## RESISTANT WEEDS WARNING

GROUP 14 HERBICIDE

PAYLOAD Herbicide is a member of the N-phenylphthalimides group of herbicides. The mode of action of PAYLOAD Herbicide is to inhibit protoporphyrinogen oxidase. For weed resistance management, PAYLOAD Herbicide is a Group 14 Herbicide. Some naturally-occurring weed biotypes resistant to PAYLOAD Herbicide and other Group 14 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 PAYLOAD Herbicide or other Group 14 Herbicides. Since the occurrence of resistant weeds is difficult to detect prior to use, Sumitomo Chemical Australia Pty Ltd accepts no liability for any losses that may result from the failure of PAYLOAD Herbicide to control resistant weeds. Strategies to minimize the risk of herbicide resistance are available. Contact your farm chemical supplier, consultant or local Department of Agriculture.

## **RE-ENTRY**

Do not allow entry into treated areas until spray has dried. If prior entry is necessary wear cotton overalls buttoned to the neck and wrist (or equivalent clothing) and chemical resistant gloves. Clothing must be laundered after each day's use.

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

DO NOT apply PAYLOAD Herbicide under weather conditions (e.g. wind) or from spray equipment that may cause spray to drift onto nearby susceptible crops/plants, cropping lands or pastures.

Care should be taken to avoid damage to adjoining native grasses or grass crops. PAYLOAD Herbicide should not be applied through misting equipment or any other method likely to cause excessive drift.

## **PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT**

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

DO NOT apply PAYLOAD Herbicide if wind is likely to cause drift onto natural and impounded lakes, waterways, streams or rivers.

## **STORAGE AND DISPOSAL**

Store in a locked room or place away from children, animals, food, feedstuffs and fertilizers. Store in the closed, original container in a dry, cool well-ventilated area out of direct sunlight.

DO NOT store in or expose product to wet conditions. Rough handling of product may cause breakage of water soluble bags, especially at low temperatures.

DO NOT dispose of undiluted chemicals on-site. Break, crush or puncture sachets and containers 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.

## **SMALL SPILL MANAGEMENT**

Sweep up material and contain in a refuse vessel for disposal in the same manner as for containers (see Storage and Disposal).

## **SAFETY DIRECTIONS**

Poisonous if absorbed by skin contact or swallowed. May irritate the eyes and skin. Avoid contact with eyes and skin. Open sachets only as needed.

When opening the container and preparing spray and using the prepared spray, wear cotton overalls buttoned to the neck and wrist (or equivalent clothing) and elbow-length chemical resistant 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.

## **SAFETY DATA SHEET**

Additional information is listed in the Safety Data Sheet (SDS) obtained from Sumitomo Chemical Australia Pty Ltd.

## **FIRST AID**

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

**WARNING: CONTAINS FLUMIOXAZIN WHICH CAUSES BIRTH DEFECTS IN LABORATORY ANIMALS. WOMEN OF CHILD BEARING AGE SHOULD AVOID CONTACT WITH FLUMIOXAZIN**

**IMPORTANT NOTICE**

These goods are to be used only for the purpose and as specified on the label, and are not suitable for any other purpose. To the fullest extent permitted by law, we do not accept or bear any liability on any basis for any loss, damage, cost or expense, arising in any way, directly or indirectly, in connection with the goods.

APVMA Approval No: 86471/131210

Batch No:

Date of Manufacture:

THIS PRODUCT IS NOT CONSIDERED TO BE A DANGEROUS GOOD UNDER THE AUSTRALIAN CODE FOR THE TRANSPORT OF DANGEROUS GOODS BY ROAD AND RAIL	
IN A TRANSPORT EMERGENCY DIAL: 000 POLICE OR FIRE BRIGADE	FOR SPECIALIST ADVICE IN AN EMERGENCY ONLY PHONE: 1800 024 973 TOLL FREE - ALL HOURS - AUSTRALIA WIDE

Uptake is a trademark of Dow AgroSciences LLC. Roundup is a registered trademark of Monsanto Company USA. Gramoxone & Spray.Seed are registered trademarks of a Syngenta Group Company. Amicide, Estercide, Revolver, Nuquat. Weedmaster, Argo, DST are registered trademarks or trademarks of Nufarm Australia Limited.



**Label for Sachet** (if containing single water soluble bag)

✂Tear here.....

Tear here..... ✂

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

**PAYLOAD<sup>®</sup> Herbicide**  
**ACTIVE CONSTITUENT: 750g/kg FLUMIOXAZIN**

Net Contents: 93 g - 1.2 kg

DO NOT touch or wet the content of this sachet.  
Tear one end open and empty the contained water soluble bag directly into the spray tank without touching the bag.  
Add individual water soluble bags slowly.  
Read the Safety Directions on the product label prior to opening.

**Not to be sold separately.**  
**Before use read all directions on the outer pack.**

**APVMA Approval No.:** 86471/131210

**Label for Sachet** (if containing multiple water soluble bags)

✂Tear here.....

Tear here..... ✂

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

**PAYLOAD<sup>®</sup> Herbicide**  
**ACTIVE CONSTITUENT: 750g/kg FLUMIOXAZIN**

Net Contents: 0.93 g - 12 kg (1-10 water soluble bags, 93g - 1.2kg each)

DO NOT touch or wet the content of this sachet.

Tear the bag open and empty the contained water soluble bags directly into the spray tank without touching the bags. **USE ALL BAGS.**

NOTE: Add water soluble bags one at a time under full agitation to avoid blocking filters. Allow each bag to dissolve before the next addition.

Read the Safety Directions on the product label prior to opening.

**Not to be sold separately.**  
**Before use read all directions on the outer pack.**

**APVMA Approval No.: 86471/131210**