



Cut'n'Paste™ Weed Gels

LandMan Limited

MATERIAL SAFETY DATA SHEET

1. IDENTIFICATION OF THE CHEMICAL PRODUCT AND SUPPLIER

Supplier: LandMan Limited
Company No.: 2406253 Date of formation 18 Feb 2010
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Web address: www.cutnpaste.co.nz
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Emergency : Dial **0800 POISON** (0800 764 766) 24 hrs
Product Name: Cut'n'Paste Picloram Gel
Description: Picloram Potassium salt in the form of a gel
Useage: As a targeted herbicide on environmental weed species
Not for use on agricultural crops of foodstuffs for humans or animals

2. COMPOSITION/INFORMATION ON ACTIVE INGREDIENT

Name: Picloram Potassium (active ingredient) 60%(600g/kg of the active)
CAS: 002545-60-0
Composition: 43g/L of 4-amino-3,5,6-tricholropicolinic acid as the potassium salt in an aqueous gel
Remainder: Other proprietary ingredients surfactants, thickener, fillers

3. Hazard Identification

Priority Identifiers: Ecotoxic
HSNO Classes: 6.5B - May cause an allergic skin reaction.
9.2A - Very toxic to the soil environment.
EPA Approval: HSR 101073

4. First Aid Measures

Skin Contact: In case of contact, wash affected areas with soap and water. Wash contaminated clothing before reuse. Seek medical advice if irritation persists.
Eye Contact: Hold eyes open and rinse with water. Remove contact lenses if easy to do so. Seek medical advice if irritation occurs.
Ingestion: Do not induce vomiting. Seek medical advice.

5. Fire Fighting Measure

Fire Hazard: The Gel will not burn and does not pose a risk in fire situations. Use normal fire fighting full protective clothing.

6. Accidental Release Measures

Contain spills with absorbent material and recover free gel.
Wear waterproof footwear and gloves to clean up.
Place soiled items in waste containers and dispose of in landfill.
Do not allow release into waterways or sewers.

7. Storage, Handling and use

Packaging: 450ml brush topped applicator bottles, 5, 10 and 20L jerry cans with pumps for refilling applicator bottles.

Storage: Keep out of reach of children. Stored in a secure cool dark area in the original tightly closed container away from foodstuffs and feed in accordance with NZ standard (NZS8409) this product should show no deterioration for 2 yrs from DOM.

Use: When used as advised the Gel poses no significant risks to operators or animals. The Gel must not be used on agricultural areas or on crops or animal feedstuffs. The gel must not be applied into, onto or over water.

Handling: Use the brush bottle supplied to apply the gel to cut stumps of woody weeds avoiding contamination of applicator and surroundings. Always clean and wash equipment with soapy water after use.

Approved Handler: The gel must be used under the personal control of an approved handler *when used by a commercial operator*

Tracking: Is not required

Record Keeping: Must be kept when more than 3kg is used in 24hrs

Restrict Entry: Restrict entry into application area until the gel has dried.

Site Requirements: None required under normal operating conditions.

Additional: No further requirements unless more than 100L are to be stored. Please contact Cut'n'Paste if you intending to store more than this quantity.

8. Exposure Control/Personal Protection

Limit exposure to lowest practicable levels in all circumstances.

Personal Gear: Wear waterproof footwear and gloves and overalls when applying to avoid skin contact. Safety glasses are advised to prevent entry into eyes. Wash hands before eating or drinking.

9. Physical and Chemical properties

Appearance: An opaque water soluble gel

Odour: A slight 'chemical' odour

Melting Point: Not applicable

Flash Point: Not applicable

Auto Ignition: Not applicable

Explosive limits:	Not applicable
Density:	1.03g/ml (approx.)
Vapour pressure;	3.3 x 10 ⁻⁷ mPa (25C) (metsulfuron-methyl)
Solubility in Water:	Soluble
pH:	8 - 11
Oxidising:	Not an oxidizer
Corrosive:	Not corrosive

10 Stability and reactivity

Stability:	Stable when kept as recommended.
Incompatibility	No incompatibilities known.
Soil Residual life	Residual in soil from 6 – 18 months

11. Toxicological Information

This section describes effects that could occur if this material is not handled in accordance with this data sheet.

Swallowed:	LD50 for rats is very low, 8200mg/kg. Small amounts accidentally taken by mouth should not pose a risk or cause injury.
Eye:	Possible slight irritation. Flush with water if contact. Seek medical advice if irritation continues.
Skin:	Possible allergic reaction and/or skin irritation No other known effects

12. Ecotoxic Information

Ecotoxic Effects:	Acute Oral LD50 (Rat) >8200mg/kg Acute Dermal LD50 >4000mg/kg Very toxic to some plant species Very low toxicity to animals and bees. Does not bioaccumulate. Poisoned plants may be more palatable to livestock. The product is not registered to be used in area where crops are to be grown or livestock grazed. This substance must not be applied into or onto water
Environmental Fate:	Soil Residual for 6 – 18 months
Partition Co-Efficient (Kow)	LogP = -1.74 (low)
Environmental Exposure Limite:	Product – Non Established Active Ingredient – 8ng/L (water), 0.52 ug/kg (soil, sediment)

13. Disposal Considerations

Product:	The bottles and containers can be recycled. Any unused product should be sent to a suitable landfill.
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14. Transport Information

Shipping/Trade Name Cut'n'Paste Picloram Gel

Hazard Classes 6.5B - May cause an allergic skin reaction.

9.2A - Very toxic to the soil environment.

Transport Do not carry more than 3kg in a vehicle

15. Regulatory Information

HSNO: HSR 101073 □ EPA approval

Not to be used on or near foodstuffs and crops intended for human or animals.

16. Other Information

Approved handler	For some hazardous substances, persons storing, handling and using Cut'n'Paste Picloram Gel must be trained and certified
DT50	Time (days) for 50% reduction in concentration
EC50	Concentration required to produce an effect in 50% of organisms
Envir Ex Limit	Maximum concentration limit of a substance in an environmental medium e.g. water, soil,
Hazchem Code	Emergency Substances and New Organisms
LC50	Concentration that will kill 50% of organisms
LD50	Dose that will kill 50% of organisms
Kow	Ration of concentration between octanol and water. Values are given as the log value. A high value indicates a substance may bioaccumulate
Record Keeping	A herbicide application diary
REI	Restricted Entry Interval after application without protective gear
Safety Note	A brief document providing hazardous substance information for transport, storage and emergency management purposes

NOTE

This SDS summarises known information about the active ingredient contained in Cut'n'Paste Picloram Gel and how to use and handle the product safely.

You should familiarize yourself with the product label and this sheet and consider the information in the context of how the product will be handled and used, including in conjunction with other products.

Cut'n'Paste (LandMan Limited) accepts no responsibility for the accuracy, completeness or suitability of this information.

The user is responsible for determining the suitability and accuracy of this information for their particular purposes.

If clarification or further information is needed to ensure that an appropriate risk assessment can be made, the user should contact this company.