# SAFETY DATA SHEET: CUT'N'PASTE Picloram Plus Gel

## *1. IDENTIFICATION*

**Product Name:** CUT'N'PASTE Picloram Plus Gel
**Other names:** -
**Use:** Gel herbicide used undiluted as a direct spot treatment for plants. Not to be used on food or feed crops.
**Supplier:** Key Industries Ltd
**Address**: P.O. Box 65070, Mairangi Bay, Auckland 0754
**Telephone:** 09 917 1791
**Emergency Phone:** 0800 CHEMCALL (0800 243 622) 24 hours
**National Poisons Centre:** 0800 POISON (0800 764 766)

## *2. HAZARD IDENTIFICATION*

Product is classified as hazardous according to Hazardous Substances (Hazard Classification) Notice 2020 of the HSNO Act, 1996.

**HSNO Approval:** HSR100589
**Hazard Classifications:** Sensitisation (skin), Category 1;
Specific target organ toxicity (repeated exposure) Category 2
Hazardous to the soil environment.

**Pictogram:**



**Signal word:** WARNING

**Hazard Statements:**
H317 May cause an allergic skin reaction.
H373 May cause damage to organs through prolonged or repeated exposure.
Hazardous to the soil environment.

**Prevention Statements:**
P103 Read label before use.
P260 Do not breathe vapours.
P272 Contaminated work clothing should not be allowed out of the workplace.
P273 Avoid release to the environment (except in accordance with use as described on label).

**Response Statements:**
P314 Get medical advice/attention if you feel unwell.
P302+P352 IF ON SKIN: Wash with plenty of soap and water.
P333+P313 IF skin irritation or rash occurs: Get medical advice/attention.
P363 Wash contaminated clothing before re-use.
P391 Collect spillage.

**Storage Statements:**
**-**

**Disposal Statements:**
P501 Dispose of product and containers in accordance with local regulations.

**Additional label information requirements according to Hazardous Substances (Labelling) Notice 2017 of the HSNO Act 1996.**
Not required.

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## *3. COMPOSITION: INFORMATION ON INGREDIENTS*

| Ingredients | CAS Number | Concentration (%w/w) |
|---|---|---|
| Picloram, potassium salt | 2545-60-0 | >1-<10 |
| Aminopyralid, triisopropanolamine salt | 566191-89-7 | >1 - <3 |
| Other ingredients | Trade secret | To balance |

## *4. FIRST AID MEASURES*

For advice consult the National Poisons Information Centre 0800 POISON (0800 764 766) or a doctor. Have product label or Safety Data Sheet at hand.
**INGESTION:** Do NOT induce vomiting. Rinse mouth. Call POISON CENTRE or doctor for advice.
**SKIN CONTACT:** Wash with soap and water. If irritation or rash occurs, obtain medical advice.
**EYE CONTACT:** Flush with running water for at least 15 minutes. Remove contact lenses if present, and easy to do after 5 minutes before continuing rinsing. If irritation persists, get medical advice.
**INHALATION:** If breathing is difficult, remove to fresh air and keep at rest in a position comfortable for breathing. If person is experiencing respiratory problems, get medical help.

**First Aid facilities:** Provide eye baths and safety showers close to areas where exposure may occur.
**Advice to Doctor:** Treat symptomatically.

## *5. FIRE-FIGHTING MEASURES*

**Flashpoint:** Non-flammable.
**Suitable extinguishing media**: Alcohol resistant foam, dry chemical, carbon dioxide, water spray or water fog as appropriate for surrounding materials. Contain runoff.
**Hazards from combustion products:** Thermal decomposition may produce toxic/harmful compounds including oxides of carbon, nitrogen, and other unknown compounds. .
**Precautions for fire fighters and special protective equipment:** Self-contained breathing apparatus with full face-piece and protective clothing. Cool fire exposed containers with water spray.
**Hazchem Code:** -

## *6. ACCIDENTAL RELEASE MEASURES*

**Emergency Procedures:**
Wear appropriate personal protection equipment to prevent skin and eye exposure.
**Methods and materials for containment**
In the event of a spill, isolate area and take all practicable steps to prevent product from entering streams and waterways. Contain and collect spillage. Collect up spill into labelled container that can be sealed for recovery or disposal.

## *7. HANDLING AND STORAGE*

**Precautions for safe handling:** Keep out of reach of children. Read label before use.
Avoid contact with skin or eyes. Do not eat, drink or smoke when using. Observe good personal hygiene practices and recommended procedures including wearing of impervious gloves. Wash hands thoroughly with soap and water after handling.
**Conditions for safe storage:** Keep out of reach of children, domestic animals (e.g. dogs, cats, sheep, cattle) and birds. Store securely and in original closed container (polyethylene or polypropylene container). Store out of direct sunlight in a cool well-ventilated area, and away from food or animal feedstuffs. Avoid contamination of and with other products.
Stores containing more than 100 kg are subject to requirements for signage and emergency response plans.
**Incompatible materials:** Not specified.
**Other:** Wash contaminated clothing separately from other household clothing.

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## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

**Health Exposure Standards:** A Workplace Exposure Standard (WES), has been set by Worksafe (ed. 15, February 2025) for this substance.

| | |
|---|---|
| Picloram | WES-TWA 10 mg/m$^3$ |

**Biological limit values:** None established
**Engineering Controls:**
***Ventilation:*** Use in well-ventilated area.
**Personal Protective Equipment:**
***Respiratory Protection:*** Not required when used outdoors/well-ventilated space.
***Eye Protection:*** Wear safety glasses with side shields or chemical goggles.
***Skin/ Body Protection:*** Wear impervious gloves, e.g. rubber, PVC or equivalent) and overalls.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

| | |
|---|---|
| Appearance | Green coloured gel |
| Odour | Negligible |
| Odour threshold | Not determined |
| pH | 8.0 – 9.0 |
| Melting/Freezing point $^0$C | Not determined |
| Boiling Point/Range $^0$C | >100$^0$C |
| Flash Point $^0$C | Non flammable |
| Flammability (solid, gas) | Non flammable |
| Upper/lower flammability limits | Not determined |
| Vapour Pressure mm Hg @ 20$^0$C | Not determined |
| Vapour Density kPa @ 20$^0$C | Not determined |
| Relative density | Not available |
| Solubilities | Miscible in water |
| Partition coefficient: n-octanol/water | Not determined |
| Autoignition Temperature $^0$C | Not determined |
| Decomposition Temperature $^0$C | Not determined |
| Kinematic viscosity | Not determined |
| Particle characteristics | Not determined |

## 10. STABILITY AND REACTIVITY

**Chemical Stability:** Stable under normal conditions of storage and use.
**Conditions to avoid:** Contact with incompatible materials.
**Incompatible materials:** Non specified.
**Hazardous decomposition products:** Thermal decomposition may produce toxic or harmful compounds including oxides of carbon and nitrogen, and other unknown compounds.
**Hazardous reactions:** Hazardous polymerization not known to occur.

## 11. TOXICOLOGICAL INFORMATION

Toxicity classifications are determined by assessment of the components in the formulated mixture.
**Acute toxicity:** Not classified as acutely toxic.
**Aspiration hazard:** Not classified as an aspiration hazard.
**Respiratory irritation:** Not classified.
**Skin corrosion/irritation:** Not classified.
**Serious eye damage/irritation:** Not classified.
**Respiratory or skin sensitization:** Picloram identified as skin sensitiser,
**Germ cell mutagenicity:** Not classified.

**Carcinogenicity:** Not classified.
**Reproductive toxicity:** Not classified.
**Specific organ toxicity:** May cause damage to organs through prolonged or repeated exposure. Aminopyralid affects the gastrointestinal system.
**Narcotic effects:** Not classified.

**Toxicological Information**:

| | |
|---|---|
| Picloram (active) | Oral, LD50 (rat) 686 mg/kg bw |
| Aminopyralid (active) | Oral, LD50 (rat) >5000 mg/kg bw |
| | Dermal, LD50 (rat) >5000 mg/kg bw |
| | Inhalation, LC50 4hr (rat) 5.5 mg/L bw |

## *12. ECOLOGICAL INFORMATION*

**Ecotoxicity:** This mixture is classified as hazardous to soil organisms. Do not contaminate waterways, sewers, or drains when disposing of product or packaging.
**Persistence and degradability:** Picloram expected to be non- persistent. Typical $DT_{50}$ 23.0 days.
Aminopyralid may be moderately persistent. EU dossier lab studies $DT_{50}$ range 26.4-146.9 days, $DT_{90}$ range 87.6-488 days, field studies $DT_{50}$ range 3.75-21.6 days, $DT_{90}$ range 12.5-71.8 days.
**Potential to be bioaccumulative**: No data available.
**Mobility in soil:** No information available.
**Other adverse effects**: No information available.
**Ecotoxicological Information**: Not available
**Environmental Exposure Limits (EEL's):** Not set.

## *13. DISPOSAL CONSIDERATIONS*

**Disposal Methods:** Crush and dispose of empty containers in rubbish collection. Containers may contain residue. Do NOT use for storage of other products. Dispose of product according to label or to a hazardous waste facility/landfill.
Dispose in accordance with all local and national regulations.

## *14. TRANSPORT INFORMATION*

| Road and Rail Transport | | Marine Transport | | Air Transport | |
|---|---|---|---|---|---|
| UN No. | | UN No. | | UN No. | |
| Proper Shipping Name | | Proper Shipping Name | | Proper Shipping Name | |
| DG Class | | DG Class | | DG Class | |
| Sub. Risk | | Sub. Risk | | Sub. Risk | |
| Pack Group | | Pack Group | | Pack Group | |
| Hazchem | | Hazchem | | | |

**Dangerous Goods Segregation**
This product is classified as a non Dangerous Good Class for Transport.
Please consult the Land Transport Rule: Dangerous Goods 2005, and NZS 5433:2020 Transport of Dangerous Goods on Land for information.

## *15. REGULATORY INFORMATION*

**HSNO Act 1996**

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**Approval Code:** HSR100589
**HSNO Controls:** Refer to www.epa.govt.nz for information on controls .

| | |
|---|---|
| Safety Data Sheet: | Any quantity |
| Restricted to workplace only: | No |
| Quantity that requires management in accordance with HSW HS Regulations: | - |
| Quantity for secondary containment and emergency response plan: | 10,000 kg |
| Quantity for signage: | 10,000 kg |
| Record of use if more than 3 kg applied to area within 24 hour period | 10,000 kg |
| Qualified handler required | Yes |
| Location compliance certificate | No |
| Tracking | No |
| **Additional Control** | Do not apply directly into or onto water. |

**ACVM Act 1997**
**Registration Number:** Not applicable (exempt product for home garden use only and not for contact with food or feedstuffs). Refer to www.foodsafety.govt.nz

**Montreal Protocol, Stockholm Convention, Rotterdam Convention:** Not listed.

## *16. OTHER INFORMATION*

**Date of Issue:** 3rd June 2026
**Reasons for Issue:** Add pictogram; update approved handler control.
**Replaces:** 31st March 2026

**Abbreviations:**

| | |
|---|---|
| EPA | New Zealand Environmental Protection Authority |
| GHS | Global Harmonised System |
| HSIS | Hazardous Substance Information System |
| HSNO | Hazardous Substances and New Organisms |
| NZIoC | New Zealand Inventory of Chemicals |
| STEL | Short Term Exposure Limit (15 minute exposure period) |
| TWA | Time-Weighted Average (8 hours exposure period) |
| WES | Workplace Exposure Standard |

**References:**
EPA www.epa.govt.nz
New Zealand Food Safety Authority www.foodsafety.govt.nz
PPDS
Supplier Safety Data Sheets

**Other:**
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The information contained herein is given in good faith but no warranty, expressed or implied is made.

End of safety data sheet

The information sourced for the preparation of this document was correct and complete at the time of writing to the best of the supplier's knowledge. Each user should read this SDS and consider the information in the context of how the product will be handled and used in the workplace. The document represents the commitment to the company's responsibilities surrounding the supply of this product, undertaken in good faith. This document should be taken as a safety guide for the product and its recommended uses, but is in no way an absolute authority. Please consult the relevant legislation and regulations governing the use and storage of this type of product. For further information, please contact Key Industries Limited.