SAFETY DATA SHEET: CUT'N'PASTE MetGel

1. IDENTIFICATION

Product Name: CUT'N'PASTE MetGel
Other names: -
Use: Gel herbicide used undiluted as a direct spot treatment for plants that have rhizomes or bulbs, e.g. ginger, arums, agapanthus.
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: HSR100947
Hazard Classifications: Hazardous to the aquatic environment, acute, Category 1;
Hazardous to the aquatic environment, chronic, Category 1;
Hazardous to the soil environment.

Pictogram:



Signal word: WARNING

Hazard Statements:
H400 Very toxic to aquatic life.
H410 Very toxic to aquatic life with long-lasting effects.
Hazardous to the soil environment.

Prevention Statements:
P103 Read label before use.
P273 Avoid release to the environment (except in accordance with use as described on label).

Response Statements:
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.

3. COMPOSITION: INFORMATION ON INGREDIENTS

Ingredients	CAS Number	Concentration (%w/w)
Metsulfuron methyl	74223-64-6	<3
Other ingredients	Trade secret	To balance

SAFETY DATA SHEET: CUT'N'PASTE MetGel

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 persists, 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: 2X.

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. If spillage contaminates a watercourse, notify the Police, local Health Protection Officer and Council.

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: Strong acids, acid chlorides, acid anhydrides and chloroformates, oxidizing agents.
Other: Changing out of contaminated clothing and showering recommended after use. Wash contaminated clothing separately from other household clothing.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Health Exposure Standards: A Workplace Exposure Standard (WES), has not been set by Worksafe (ed. 15, February 2025) for this substance.
Biological limit values: None established
Engineering Controls:
Ventilation: Use in well-ventilated area.

SAFETY DATA SHEET: CUT'N'PASTE MetGel

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	Blue coloured gel
Odour	Negligible
Odour threshold	Not determined
pH	6.0 – 7.0
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	~1.0
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: Avoid contact with oxidizing agents, strong acids, acid chlorides, acid anhydrides and chloroformates.
Hazardous decomposition products: Thermal decomposition may produce toxic or harmful compounds including oxides of carbon and nitrogen, phosphorous 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: Not classified.
Germ cell mutagenicity: Not classified.
Carcinogenicity: Not classified.
Reproductive toxicity: Not classified.
Specific organ toxicity: Not classified.
Narcotic effects: Not classified.

Toxicological Information:
Metsulfuron methyl (active) Oral, LD50 (rat) > 5000 mg/kg bw
Dermal, LD50 (rabbit) > 2000 mg/kg bw
Inhalation, LC50 4hr (rat) >5 mg/L

SAFETY DATA SHEET: CUT'N'PASTE MetGel

12. ECOLOGICAL INFORMATION

Ecotoxicity: This mixture is classified as very toxic to aquatic life, and with long -lasting effects, and as very toxic to soil organisms. Do not contaminate waterways, sewers, or drains when disposing of product or packaging.
Persistence and degradability: Expected to be generally non- persistent. EU dossier (2015) lab studies DT_{50} range 6.4-48.8 days 8 soils, DT_{90} range 48-175 days; field studies DT_{50} range 7.3-37.1 days, DT_{90} range 24.3-123 days Soils =4
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.	3077	UN No.	3077	UN No.	3077
Proper Shipping Name	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (contains metsulfuron methyl)	Proper Shipping Name	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (contains metsulfuron methyl)	Proper Shipping Name	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (contains metsulfuron methyl)
DG Class	9	DG Class	9	DG Class	9
Sub. Risk	-	Sub. Risk	-	Sub. Risk	-
Pack Group	III	Pack Group	III	Pack Group	III
Hazchem	2Z	Hazchem	2Z		

Dangerous Goods Segregation
This product is classified as a Dangerous Good Class 9 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
Approval Code: HSR100947
HSNO Controls: Refer to www.epa.govt.nz for information on controls .
Safety Data Sheet: Any quantity

SAFETY DATA SHEET: CUT'N'PASTE MetGel

Restricted to workplace only:	No
Quantity that requires management in accordance with HSW HS Regulations:	-
Quantity for secondary containment and emergency response plan:	100 kg
Quantity for signage:	100 kg
Record of use if more than 3 kg applied to area within 24 hour period	100 kg
Qualified handler required	No (not used for wide dispersive use)
Location compliance certificate	No
Tracking	No

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: 31st March 2026
Reasons for Issue: New SDS for new distributor
Replaces: Not applicable

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:
-

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.