

SAFETY DATA SHEET

AGPRO Glyphosate Gel



AGPRO[®]
(N.Z.) LIMITED

1. SUBSTANCE IDENTIFICATION

SUPPLIER NAME	AGPRO NZ Limited
SUPPLIER ADDRESS	10 Polaris Place, East Tamaki, Auckland 2013 PO Box 58-963, Botany, Auckland 2163
SUPPLIER CONTACT DETAILS	09 273 3456 or freephone 0508 536 536 www.agpro.co.nz
EMERGENCY PHONE	
POISON INFORMATION	0800 POISON (0800 764 766) 24 hours
CHEMICAL EMERGENCY	0800 CHEMCALL (0800 243 622) 24 hours
ACTIVE INGREDIENT(S) AND PRESENTATION	120g/L glyphosate as the isopropylamine salt in the form of a gel
USE	Herbicide

2. HAZARDS IDENTIFICATION

Classified as Hazardous according to the NZ Environmental Protection Authority criteria.

GHS CLASSIFICATIONS	Designed for biocidal action
SIGNAL WORD	Not applicable
HAZARD STATEMENTS	H413 May cause long lasting harm to aquatic life
PREVENTION STATEMENTS	P273 Avoid unintended release to the environment
STORAGE STATEMENTS	See Section 7.
DISPOSAL STATEMENTS	P501 Dispose of contents/containers in accordance with relevant regulations. See Section 13.

3. COMPOSITION/INFORMATION ON INGREDIENTS

COMMON NAME	CAS NUMBER	CONCENTRATION %w/v
Glyphosate as the isopropylamine salt	38641-94-0	12% (120g/L)
Non-hazardous ingredients	Proprietary	Balance to volume

4. FIRST AID MEASURES

For advice call the National Poisons Centre 0800 POISON (0800 764 766) 24 hours or a doctor. If medical advice is needed have product container or label to hand.

EYE CONTACT	Rinse cautiously for several minutes. Remove contact lenses if present and easy to do so. Continue rinsing. If eye irritation persists: Get medical advice/attention.
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4. FIRST AID MEASURES

SKIN (or hair) CONTACT	Remove contaminated clothing. Flush skin with plenty of water. If skin irritation occurs: Get medical advice/attention. Wash contaminated clothing before reuse.
INHALATION	Remove to fresh air and keep at rest in a position comfortable for breathing. Apply artificial respiration if not breathing. Call a doctor if you feel unwell.
INGESTION	Do NOT induce vomiting. Call the POISON CENTRE or a doctor if you feel unwell.
NOTES TO DOCTOR	Treat symptomatically.
FIRST AID FACILITIES	Hand and eye wash facilities and a safety shower should be available.

5. FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA	Use extinguishing media suitable to the surrounding environment. Prevent extinguishing media from entering drains.
THERMAL DECOMPOSITION PRODUCTS	Non-flammable. Thermal decomposition may produce toxic fumes and compounds.
SPECIAL FIRE FIGHTING METHODS	Self-contained breathing apparatus with full face-piece and protective clothing. Cool fire exposed containers with water spray.
HAZCHEM CODE	Not applicable

6. ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS	Exclude non-essential people from the area. Wear Personal Protective Equipment (PPE) as detailed in Section 8 of the SDS.
ENVIRONMENTAL PRECAUTIONS	Prevent product from entering waterways or drains.
SPILLS AND DISPOSAL	Contain spillage, then cover/absorb with inert, non-combustible absorbent material (attapulgite or similar). Collect and place in suitable sealed, labelled containers for disposal. Wash area with water and absorb with further inert material. Dispose of safely at an approved landfill. See Section 13 for details on disposal.

7. HANDLING AND STORAGE

PRECAUTIONS FOR HANDLING	Carefully read the label before use. Use of safe work practices are recommended to avoid eye or skin contact and inhalation. Observe good personal hygiene, including washing hands and face before eating. Prohibit eating, drinking and smoking in contaminated areas.
STORAGE	Store in original container, tightly closed, in a secure, dry, cool and well-ventilated area and avoid direct sunlight. Store away from foodstuffs, fertilisers or seeds. Storage must be in accordance with NZS 8409 Management of Agrichemicals. Ensure containers are adequately labelled, protected from physical damage and sealed when not in use.

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8. EXPOSURE CONTROLS/PERSONAL PROTECTION

EXPOSURE LIMITS	Not established.
EYE PROTECTION	Wear eye protection.
RESPIRATORY PROTECTION	Respiratory protection is not usually required if good ventilation is maintained
PROTECTIVE CLOTHING	Wear chemically resistant gloves, coveralls, socks and chemical-resistant footwear.
VENTILATION	Avoid inhalation. Use in a well-ventilated area.
HYGIENE PRECAUTIONS	Do not eat, drink or smoke while working with this product. Remove clothing that becomes soaked or contaminated and wash before reuse. Wash hands and face after handling before breaks and after work.

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE/STATE/ COLOUR	Hazy red gel
ODOUR	Not available
ODOUR THRESHOLD	Not Available
pH (1%)	5.12
MELTING POINT/FREEZING POINT	Not Available
INITIAL BOILING POINT/BOILING RANGE	Not Available
FLASHPOINT	Not Applicable
FLAMMABILITY	Non flammable
UPPER/LOWER FLAMMABILITY LIMITS	Not Available
VAPOUR PRESSURE	Not Available
VAPOUR DENSITY	Not Available
RELATIVE DENSITY	1.07 g/ml @ 25°C
SOLUBILITY	Soluble in water
OCTANOL/WATER PARTITION COEFFICIENT	Not Available
AUTOIGNITION TEMP	Not Applicable
DECOMPOSITION TEMPERATURE	Not Available.
KINEMATIC VISCOSITY	Not Available
PARTICLE CHARACTERISTICS	Not Applicable

10. STABILITY AND REACTIVITY

STABILITY	Stable under normal storage conditions in original container for two years.
CONDITIONS TO AVOID	None known.

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10. STABILITY AND REACTIVITY

MATERIALS TO AVOID	Strong acids/bases. Oxidising and reducing agents.
HAZARDOUS DECOMPOSITION PRODUCTS	Hazardous polymerisation will not occur. Thermal decomposition may produce toxic fumes and compounds.

11. TOXICOLOGICAL INFORMATION

ACUTE EFFECTS	
ORAL TOXICITY	No toxicological data is available for the finished product.
DERMAL TOXICITY	Glyphosate isopropylamine salt LD50 > 2000mg/kg
INHALATION TOXICITY	No information
EYE CORROSION/IRRITANCY	No information
SKIN CORROSION/IRRITANCY	No information
CHRONIC EFFECTS	
CARCINOGENICITY	No information
REPRODUCTIVE TOXICITY	No information
GERM CELL MUTAGENICITY	No information
ASPIRATION	No information
SENSITISATION	Non sensitiser
STOT/SE	No information
STOT/RE	No information
NARCOTIC EFFECTS	No information

12. ECOLOGICAL INFORMATION

TOXICITY	May cause long lasting effects on environment			
PRECAUTIONS	Non-Selective Herbicide – very toxic to some plant species. Avoid contamination of any water supply with product or empty container.			
ECOTOXICITY INFORMATION	Glyphosate isopropylamine	LC50 (bluegill sunfish, 96hr) 45 mg/L NOEC (Salmo gairdnerii, 21 day) 52 mg/L EC50 (water flea, 48 hr) 134 mg/L EC50 (skeletonema costatum, 96 hr) 1.2 mg/L EC50 (skeletonema costatum, 7 day) 0.77mg/L		
BIOACCUMULATIVE	No			
READILY DEGRADABLE	Not biodegradable in water. Non-residual in soil.			

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13. DISPOSAL CONSIDERATIONS

Do not contaminate streams, rivers or waterways with the chemical or the used container.

PRODUCT DISPOSAL

Dispose of by using product as intended, according to the label directions. If this is not possible, contact your supplier or chemical recycling facility.

CONTAINER DISPOSAL

Return empty container to an Agrecovery collection point for disposal, or puncture and dispose of at an approved facility. Do NOT burn. Do not use the container for any other purpose.

14. TRANSPORT INFORMATION

Not classified as a Dangerous Good according to Land Transport Rule: Dangerous Goods 2005, NZS 5433:2020, IMDG or IATA.

15. REGULATORY INFORMATION

ACVM REGISTRATION

Exempt from registration under the ACVM Act 1997.

HAZARDOUS SUBSTANCE APPROVAL CODE

Approved pursuant to the HSNO Act 1996, Approval Code HSR100736

See the EPA website for approval controls www.epa.govt.nz

16. OTHER INFORMATION

SDS ISSUE DATE

11 July 2025

SDS REVIEW DATE

July 2030

REFERENCES

Supplier SDS

NZ Workplace Exposure Standard and Biological Exposure Indices (November 2023)

NZ Chemical Classification Information Database

NZ EPA Hazardous Substance Approvals and Group Standards Databases

ABBREVIATIONS

ACVM Agricultural Compounds and Veterinary Medicines

CAS Number Chemical Abstract Service Number - used to uniquely identify chemical compounds

EPA Environmental Protection Authority (New Zealand)

g/L Grams per litre

GHS Globally Harmonised System

HSNO Hazardous Substances and New Organisms

LC50 Lethal Concentration, 50%/Median Lethal Concentration

LD50 Lethal Dose, 50%/Median Lethal Dose

mg/m³ Milligrams per cubic metre

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16. OTHER INFORMATION

STEL	Short Term Exposure Limit
WES	Workplace Exposure Standard
IMDG/IMO	International Maritime Dangerous Goods/International Maritime Organisation
IATA/ICAO	International Air Transport Association/International Civil Aviation Organisation
TLV	Threshold Limit Value
TWA	Time Weighted Average
OEL	Occupational Exposure Limit

The data given here is based on current knowledge and experience. The purpose of this safety data sheet is to describe the products in terms of their safety requirements. The data does not signify any warranty with regard to the product's properties.

End of Safety Data Sheet