

SAFETY DATA SHEET

AGPRO MCPB Extra

AGPRO

1. SUBSTANCE IDENTIFICATION

SUPPLIER NAME	AGPRO (N.Z.) Limited
SUPPLIER ADDRESS	10 Polaris Place, East Tamaki, Auckland 2013
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	Contains 375 g/L MCPB and 25 g/L MCPA both as the sodium salts in the form of a soluble concentrate
CHEMICAL FAMILY	Phenoxy-carboxylic acid
USE	Herbicide

2. HAZARDS IDENTIFICATION

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

GHS CLASSIFICATIONS	Acute oral toxicity Category 4 Eye irritation Category 2 Reproductive toxicity Category 2 Specific target organ toxicity (repeated exposure) Category 2 Hazardous to the aquatic environment acute Category 1 Hazardous to the aquatic environment chronic Category 1 Hazardous to soil organisms Hazardous to terrestrial vertebrates	
SIGNAL WORD	WARNING	
PICTOGRAMS		
HAZARD STATEMENTS	H302 Harmful if swallowed. H319 Causes serious eye irritation. H361 Suspected of damaging fertility or the unborn child. H373 May cause damage to organs through prolonged or repeated exposure. H400 Very toxic to aquatic life (acute). H410 Very toxic to aquatic life with long lasting effects (chronic). H421 Very toxic to the soil environment. H433 Harmful to terrestrial vertebrates.	
PREVENTION STATEMENTS	P102 Keep out of reach of children. P103 Read carefully and follow all instructions. P201 Obtain special instructions before use. P202 Do not handle until all safety precautions have been read and understood. P260 Do not breathe mist / vapours / spray. P264 Wash face and hands thoroughly after handling. P270 Do not eat, drink or smoke when using this product. P273 Avoid unintended release to the environment. P280 Wear protective gloves / protective clothing / eye protection / face protection.	

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2. HAZARDS IDENTIFICATION

RESPONSE STATEMENTS	P101	If medical advice is needed, have product container or label on hand.
	P301 + P312	IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.
	P305 + P351 + P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do so. Continue rinsing.
	P308 + P313	IF exposed or concerned: Get medical advice/ attention.
	P314	Get medical advice / attention if you feel unwell.
	P330	Rinse mouth.
	P337 + P313	If eye irritation persists: Get medical advice / attention.
	P363	Wash contaminated clothing before reuse.
	P391	Collect spillage.
STORAGE STATEMENTS	P405	Store locked up. 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
MCPB as sodium salt	6062-26-6	37.5% (375 g/L)
MCPA as sodium salt	3653-48-3	2.5% (25 g/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.

If exposed or concerned: Seek medical attention/advice.

EYE CONTACT	Rinse cautiously for several minutes. Remove contact lenses if present and easy to do so. Continue rinsing. If eye irritation occurs, get medical attention/advice.
SKIN (or hair) CONTACT	Remove contaminated clothing and flush skin and hair with running water. If skin irritation occurs, get medical advice/ attention.
INHALATION	Remove to fresh air and keep at rest in a position comfortable for breathing. Apply artificial respiration if not breathing. Call doctor if you feel unwell.
INGESTION	Do NOT induce vomiting. Rinse mouth. Call the POISON CENTRE or a doctor if you feel unwell.
NOTES TO DOCTOR	Treat symptomatically.
FIRST AID FACILITIES	Eye wash facilities and safety shower should be available.

5. FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA	Alcohol resistant foam is preferred firefighting medium but if it is not available, standard foam can be used. 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	3Z

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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	Spills may be slippery and should be cleaned up immediately. Contain spillage, then cover / absorb with inert, non-combustible absorbent material (attapulgate or similar). Collect and place in suitable sealed, labelled containers for disposal. Wash area with water and absorb with further inert material. See Section 13 for details on disposal.

7. HANDLING AND STORAGE

PRECAUTIONS FOR HANDLING	Obtain special instructions before handling. DO NOT handle until all the safety instructions have been read and understood. Use Personal Protective Equipment as required. 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. Persons mixing, loading, applying or otherwise handling this product must meet qualification requirements set out in the EPA Hazardous Substances (Hazardous Property Controls) Notice 2017.
STORAGE	Store in original container, tightly closed, in a locked, 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. Stores containing 100 litres or more of AGPRO MCPB Extra require secondary containment, signage and an emergency response plan.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

EXPOSURE LIMITS	Not established
EYE PROTECTION	Wear eye/face protection.
RESPIRATORY PROTECTION	Wear respiratory protection (organic vapour cartridge(s)) when mixing/applying or there is risk of inhalation.
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 before breaks and after work.

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9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE / STATE/ COLOUR	Clear brown liquid
ODOUR	Not Available
ODOUR THRESHOLD	Not Available.
pH (neat)	9.0 – 12.0
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	1.16 g/ml @ 25°C (typical)
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 Available

10. STABILITY AND REACTIVITY

STABILITY	Stable under normal storage conditions in original container for two years.
CONDITIONS TO AVOID	None known.
MATERIALS TO AVOID	Strong acids/bases. Oxidising and reducing agents.
HAZARDOUS DECOMPOSITION PRODUCTS	Thermal decomposition may produce toxic fumes and compounds.

11. TOXICOLOGICAL INFORMATION

ACUTE EFFECTS	No toxicological data is available for the finished product.
ORAL TOXICITY	Harmful if swallowed MCPB LD50 (rat) >2000 mg/kg MCPA LD50 (rat) 962 mg/kg
DERMAL TOXICITY	MCPB LD50 (rat) 2000 mg/kg MCPA LD50 (rat) 4000 mg/kg
INHALATION TOXICITY	MCPB LC50 (rat, 4hr) >1.14 mg/L MCPA LC50 (rat) >6.36 mg/L (nose only dust)
EYE CORROSION / IRRITANCY	Causes serious eye irritation.
SKIN CORROSION / IRRITANCY	No information

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11. TOXICOLOGICAL INFORMATION

CHRONIC EFFECTS

CARCINOGENICITY	No information
REPRODUCTIVE TOXICITY	Suspected of damaging fertility or the unborn child.
GERM CELL MUTAGENICITY	No information
ASPIRATION	No information
SENSITISATION	No information
STOT/SE	No information
STOT/RE	May cause damage to organs through prolonged or repeated exposure
NARCOTIC EFFECTS	No information

12. ECOLOGICAL INFORMATION

TOXICITY	Very toxic to aquatic life with long lasting effects. Very toxic to the soil environment and harmful to terrestrial vertebrates.	
PRECAUTIONS	Persons mixing, loading, applying or otherwise handling this product must meet qualification requirements set out in the EPA Hazardous Substances (Hazardous Property Controls) Notice 2017. This product must not be applied into or onto water. Avoid contamination of any waterways with product or empty container. Selective Herbicide - very toxic to some plant species. Spray Drift Hazard – May cause serious damage to other desirable plants. Take all reasonable steps to ensure that the substance does not cause any significant adverse effects to the environment beyond the area of application.	
ECOTOXICITY INFORMATION	MCPB	LC50 (96hr, Oncorhynchus mykiss 4.3 mg/L LC50 (48hr, Daphnia) 55 mg/L
	MCPA	LC50 (96hr, Cyprinus carpio > 100 mg/L LC50 (48hr, Daphnia magna) > 190 mg/L NOEC (21 day, Pimephales promelas) 15 mg/L NOEC (21 day, aquatic invertebrate) 56 mg/L
BIOACCUMMULATIVE	No	
READILY DEGRADABLE	No	

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 or if this is not possible contact your supplier for advice.
CONTAINER DISPOSAL	Triple rinse container and add residue to spray tank. Recycle clean containers at an Agrecovery depot, or puncture and dispose of at an approved facility. Do NOT burn. Do not use the container for any other purpose.

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14. TRANSPORT INFORMATION

CLASSIFIED AS A DANGEROUS GOOD ACCORDING TO LAND TRANSPORT RULE: DANGEROUS GOODS 2005, NZS 5433:2020, IMDG OR IATA.



	Land Transport (NZS 5433)	Sea Transport (IMDG / IMO)	Air Transport (IATA / ICAO)
UN Number	3082	3082	3082
Proper Shipping Name	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S., (MCPB 37.5% and MCPA 2.5%)	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S., (MCPB 37.5% and MCPA 2.5%)	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S., (MCPB 37.5% and MCPA 2.5%)
Transport Hazard Class	9	9	9
Subsidiary Class	-	-	-
Packing Group	III	III	III
Hazchem	3Z	3Z	
Marine Pollutant Status		Marine Pollutant	

15. REGULATORY INFORMATION

ACVM REGISTRATION	Registered pursuant to the ACVM 1997, No. P007863 See MPI website for registration conditions www.foodsafety.govt.nz
HAZARDOUS SUBSTANCE APPROVAL CODE	Approved pursuant to the HSNO Act 1996, Approval Code HSR000726 See the EPA website for approval controls www.epa.govt.nz
RECORDS OF APPLICATION	If 3 kg or more of the substance is applied within 24 hours, in a place where the substance is likely to enter the air or water and leave the application area, a PCBU with management or control of the substance must ensure that a written record is kept for three years of each application of the substance.

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16. OTHER INFORMATION

SDS ISSUE DATE	11 November 2024
SDS REVIEW DATE	November 2029
REFERENCES	Supplier SDS NZ Workplace Exposure Standard and Biological Exposure Indices (Nov 2020) NZ Chemical Classification Information Database NZ EPA Hazardous Substance Approvals and Group Standards Databases University of Hertfordshire: Pesticide Properties Database
ABBREVIATIONS	
ACVM	Agricultural Compounds and Veterinary Medicines
CAS Number	Chemical Abstract Service Number - used to uniquely identify chemical compounds
EPA	Environmental Protection Agency (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/m ³	Milligrams per cubic metre
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 products properties.

End of Safety Data Sheet