

SAFETY DATA SHEET

AGPRO Breakdown


AGPRO

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	700 g/L fatty acid in the form of an emulsifiable concentrate
USE	Herbicide

2. HAZARDS IDENTIFICATION

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

GHS CLASSIFICATIONS	Skin irritation Category 2 Serious eye damage Category 1 Designed for biocidal action
HSNO CLASSIFICATIONS	6.3A, 8.3A, 9.1D
SIGNAL WORD	DANGER
PICTOGRAMS	
HAZARD STATEMENTS	H315 Causes skin irritation. H318 Causes serious eye damage.
PREVENTION STATEMENTS	P102 Keep out of reach of children. P103 Read carefully and follow all instructions. P264 Wash face and hands thoroughly after handling. P270 Do not eat, drink or smoke when using this product. P280 Wear protective gloves / protective clothing / eye protection / face protection.
RESPONSE STATEMENTS	P101 If medical advice is needed, have product container or label on hand. P302 + P352 IF ON SKIN: Wash with plenty of water. P305 + P351 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. +P338 P310 Immediately call a POISON CENTRE or doctor/physician. P332 + P313 If skin irritation occurs: Get medical advice/ attention. P362 + P364 Take off contaminated clothing and wash before re-use. P363 Wash contaminated clothing before reuse.
STORAGE STATEMENTS	See Section 7.
DISPOSAL STATEMENTS	P501 Dispose of contents/ containers in accordance with relevant regulations. See Section 13.

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3. COMPOSITION / INFORMATION ON INGREDIENTS

COMMON NAME	CAS NUMBER	CONCENTRATION %w/v
Coconut derived fatty acids (caprylic capric acid)	124-07-2 / 334-48-5 / 143-07-7	700 g/L
Non-hazardous ingredients	Proprietary	Balance to 100%

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	Get immediate medical attention. Rinse cautiously for several minutes. Remove contact lenses if present and easy to do so. Continue rinsing.
SKIN (or hair) CONTACT	Remove contaminated clothing and flush with 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	Use extinguishing media suitable to the surrounding environment. DO NOT use high volume water jet as this will potentially spread the fire. Prevent extinguishing media from entering drains.
THERMAL DECOMPOSITION PRODUCTS	Combustible liquid. Thermal decomposition may produce toxic fumes and compound.
SPECIAL FIRE FIGHTING METHODS	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

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. Dispose of safely at an approved landfill. See Section 13 for details on disposal.

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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. Stores containing 10,000 litres or more of AGPRO Breakdown require signage.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

EXPOSURE LIMITS	Not established.
EYE PROTECTION	Wear splash proof goggles/face protection.
RESPIRATORY PROTECTION	Respiratory protection is not usually required if good ventilation is maintained. Where an inhalation risk exists, wear a Type A (Organic-Vapour) respirator.
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.

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE / STATE/ COLOUR	Clear amber / yellow liquid
ODOUR	Not Available
ODOUR THRESHOLD	Not Available
pH (neat)	4.0 – 4.6 (typical)
MELTING POINT / FREEZING POINT	Not Available
INITIAL BOILING POINT / BOILING RANGE	Not Available
FLASHPOINT	Not Available
FLAMMABILITY	Non-flammable
UPPER/LOWER FLAMMABILITY LIMITS	Not Available
VAPOUR PRESSURE	Not Available
VAPOUR DENSITY	Not Available
RELATIVE DENSITY	0.93 g/ml @ 25°C (typical)
SOLUBILITY	Miscible in water

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9. PHYSICAL AND CHEMICAL PROPERTIES

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.
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	No toxicological data is available for the finished product.
ORAL TOXICITY	No information
DERMAL TOXICITY	No information
INHALATION TOXICITY	No information
EYE CORROSION / IRRITANCY	Causes serious eye damage
SKIN CORROSION / IRRITANCY	Causes skin irritation
CHRONIC EFFECTS	
CARCINOGENICITY	No information
REPRODUCTIVE TOXICITY	No information
GERM CELL MUTAGENICITY	No information
ASPIRATION	No information
STOT/SE	No information
STOT/RE	No information
NARCOTIC EFFECTS	No information

12. ECOLOGICAL INFORMATION

TOXICITY	Designed for biocidal action.
PRECAUTIONS	Non-Selective and Non-Residual Herbicide – very toxic to some plant species. This product must not be applied directly into or onto water. Avoid contamination of any water supply with product or empty container. Beware: Spray drift hazard. Apply this product carefully. Spray drift may cause serious damage to other desirable plants. Take all reasonable steps to ensure that

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12. ECOLOGICAL INFORMATION

	the substance does not cause any significant adverse effects to the environment beyond the application area.
ECOTOXICITY INFORMATION	No information.
BIOACCUMMULATIVE	Yes
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. If this is not possible, for small amounts, absorb with inert, non-combustible absorbent material (attapulgate or similar). Collect and place in a sealable, labelled container and safely dispose of at an approved landfill. For large amounts contact your supplier or chemical recycling facility.
CONTAINER DISPOSAL	Triple rinse container and add residue to spray tank. 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	HRS000827 See the EPA website for approval conditions www.epa.govt.nz

16. OTHER INFORMATION

SDS ISSUE DATE	5 August 2022
SDS REVIEW DATE	August 2027
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
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)

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16. OTHER INFORMATION

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