

# SAFETY DATA SHEET

## AGPRO Wilt 700


# 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	350 g/L soyal phospholipids and 350 g/L propionic acid.
CHEMICAL FAMILY	Soyal phospholipids and propionic acid
USE	Adjuvant

### 2. HAZARDS IDENTIFICATION

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

GHS CLASSIFICATIONS	Skin corrosion Category 1B Serious eye damage Category 1 Hazardous to the aquatic environment chronic Category 2
HSNO CLASSIFICATIONS	8.2B, 8.3A, 9.1B
SIGNAL WORD	DANGER
PICTOGRAMS	
HAZARD STATEMENTS	H314 Causes severe skin burns and eye damage. H318 Causes serious eye damage. H411 Toxic to aquatic life with long lasting effects.
PREVENTION STATEMENTS	P102 Keep out of reach of children. P103 Read carefully and follow all instructions. P260 Do not breathe gas/mist/vapours/spray. P264 Wash face and hands thoroughly after handling. P270 Do not eat, drink or smoke when using this product. P273 Avoid release to the environment. P280 Wear protective gloves / protective clothing / eye protection / face protection.
RESPONSE STATEMENTS	P301 + P330 + P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. P303 + P361 + P353 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. P304 + P340 IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P310 Immediately call a POISON CENTER or doctor/physician. P363 Wash contaminated clothing before reuse. P391 Collect spillage.

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### 2. HAZARDS IDENTIFICATION

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
Lecithins (soya)	8002-43-5	350 g/L
Propionic Acid	79-09-4	350 g/L
Surfactant	9016-45-9	<10%
Alkoxyated alcohol	68439-50-9	<10%
Non-hazardous ingredients	Proprietary	Balance 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	Get immediate medical attention. Remove contaminated clothing and flush skin and hair with running water.
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	Water fog, carbon dioxide or dry chemical. Do NOT use water jet as this can spread the fire. Prevent extinguishing media from entering drains.
THERMAL DECOMPOSITION PRODUCTS	Non-flammable. 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	2W

### 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 SPILLS AND DISPOSAL	Prevent product from entering waterways or drains. Spills may be slippery and should be cleaned up immediately. Contain spillage, then cover / absorb with inert, non-combustible absorbent material (attapulgitite or similar).

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### 6. ACCIDENTAL RELEASE MEASURES

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

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. This product must be under the control of a suitably qualified handler during mixing, loading and use.

#### 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 more than 250L require signage and a location compliance certificate.  
Stores containing 1000 litres or more of AGPRO Wilt 700 require secondary containment, and an emergency response plan.

### 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

#### EXPOSURE LIMITS

Propionic acid: 8hr TWA = 30 mg/m<sup>3</sup> (10 ppm)

#### EYE PROTECTION

Wear eye/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

Dark brown liquid.

#### ODOUR

Pungent vinegar like odour.

#### ODOUR THRESHOLD

Not Available.

#### pH (1% solution)

3 – 4.5

#### 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.

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### 9. PHYSICAL AND CHEMICAL PROPERTIES

RELATIVE DENSITY	1.04 g/ml @ 25°C (typical)
SOLUBILITY	Disperses in water
OCTANOL / WATER PARTITION COEFFICIENT	Not Available.
AUTOIGNITION TEMP	Not Applicable.
DECOMPOSITION TEMPERATURE	Not Available.
KINEMATIC VISCOSITY	60mPa.s (20°C) (typical).
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 bases. Oxidising and reducing agents. Amines.
HAZARDOUS DECOMPOSITION PRODUCTS	Hazardous polymerisation will not occur. Thermal decomposition may produce toxic fumes and compounds.

### 11. TOXICOLOGICAL INFORMATION

<b>ACUTE EFFECTS</b>	No toxicological data is available for the finished product.
ORAL TOXICITY	Propionic acid: LD50 (rat) 3700 mg/kg Surfactant: LD50 (mouse) 4940 mg/kg
DERMAL TOXICITY	No information
INHALATION TOXICITY	No information
EYE CORROSION / IRRITANCY	Causes serious eye damage
SKIN CORROSION / IRRITANCY	Causes severe skin burns
<b>CHRONIC EFFECTS</b>	
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	Toxic to aquatic life with long lasting effects.
PRECAUTIONS	This product must not be applied directly into or onto water. Avoid contamination of any waterways with product or empty container. 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	Alkoxylated alcohol LD50 (96hr, Cyprinus carpio) 1.4 mg/L LC50 (48hr, Daphnia magna) 6.46 mg/L Surfactant LC50 (96hr, Lopomis macrochirus) 1.3 mg/L

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### 12. ECOLOGICAL INFORMATION

BIOACCUMMULATIVE	No	NOEC (Medaka) 0.0082 mg/L
READILY DEGRADABLE	No	LC50 (48hr, Daphnia pulex) 4.8 mg/L

### 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

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	1848	1848	1848
Proper Shipping Name	Propionic Acid (contains 35%)	Propionic Acid (contains 35%)	Propionic Acid (contains 35%)
Transport Hazard Class	8	8	8
Subsidiary Class	9	9	9
Packing Group	III	III	III
Hazchem	2W	2W	-
Marine Pollutant Status	Marine Pollutant		

This product must not be transported on a passenger service vehicle.

### 15. REGULATORY INFORMATION

ACVM REGISTRATION	Exempt from registration under the ACVM Act 1997.
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### 15. REGULATORY INFORMATION

HAZARDOUS SUBSTANCE  
APPROVAL CODE

HSR002491

See the EPA website for approval controls [www.epa.govt.nz](http://www.epa.govt.nz)

### 16. OTHER INFORMATION

SDS ISSUE DATE 16 June 2022

SDS REVIEW DATE June 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)
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 <sup>3</sup>	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