

SAFETY DATA SHEET

Wilt 700



1. SUBSTANCE IDENTIFICATION

PRODUCT NAME	WILT 700
SUPPLIER NAME	Alphakem Global Pty Ltd
ABN	86 621 159 608
SUPPLIER ADDRESS	PO Box 1354, Sunshine West, VIC 3020
SUPPLIER CONTACT DETAILS	+61 3 9314 7256 www.alphakem.com.au
EMERGENCY PHONE	
POISON INFORMATION	13 11 26 (24 hours)
CHEMICAL EMERGENCY	1800 127 406
USE	Acidifying and penetrating surfactant. Reduces alkaline hydrolysis of dimethoate. Assists with uptake of foliar fertilizers. Assists in management of spray droplet size.

2. HAZARDS IDENTIFICATION

Classified as Hazardous according to GHS criteria.

GHS CLASSIFICATIONS	Serious eye damage Category 1 Skin corrosion Category 1B Hazardous to the aquatic environment chronic Category 2
SIGNAL WORD	DANGER
PICTOGRAMS	The image shows two GHS pictograms side-by-side. The first is a red diamond with a black border containing a black silhouette of a hand being poured on by a test tube, representing skin corrosion. The second is a red diamond with a black border containing a black silhouette of a dead tree and a dead fish, representing harm to the environment.
HAZARD STATEMENTS	H318 Causes serious eye damage. H314 Causes severe skin burns and 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 mist/vapour/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	P101 If medical advice is needed, have product container or label on hand. 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	Proprietary	<10%
Alkoxylated alcohol	Proprietary	<10%
Non-hazardous ingredients	Proprietary	Balance to 100%

4. FIRST AID MEASURES

For advice call the Poison Information Centre (ph 13 11 26) 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 Information 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. 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	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	Prevent product from entering waterways or drains.

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6. ACCIDENTAL RELEASE MEASURES

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.
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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 locked dry, cool and well-ventilated area and avoid direct sunlight. Store away from foodstuffs, fertilisers or seeds. Ensure containers are adequately labelled, protected from physical damage and sealed when not in use.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

EXPOSURE LIMITS	Propionic acid: 8hr TWA = 30 mg/m3 (10 ppm)
EYE PROTECTION	Wear splash proof goggles / face protection.
RESPIRATORY PROTECTION	Respiratory protection is not 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.
ADDITIONAL PROTECTION	Consult the companion herbicide label for instructions on additional protection required.
ENGINEERING CONTROLS	No special ventilation is required. Oil coatings on equipment and floors are slippery and may lead to injury due to falls. Use non-skid aids where spills may occur.
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/ ODOUR	Dark brown liquid with a pungent vinegar like odour.
BOILING POINT	Not Available
DENSITY	1.04 g/ml @ 25°C (typical)
DECOMPOSITION TEMPERATURE	Not Available.
FLASHPOINT	>95°C
EXPLOSION PROPERTIES	Not Applicable.
SOLUBILITY	Disperses in water.

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9. PHYSICAL AND CHEMICAL PROPERTIES

pH (1% solution)	3.0 – 4.5
SETTING POINT	Not Applicable.
AUTOIGNITION TEMP	Not Applicable.
VAPOUR DENSITY	Not Available.
VAPOUR PRESSURE	0.5kPa @25°C (propionic acid)
VISCOSITY	Not Available.
OCTANOL / WATER PARTITION COEFFICIENT	Not Available

10. STABILITY AND REACTIVITY

STABILITY	Stable under normal conditions in original container for two years.
CONDITIONS TO AVOID	Do not use with copper products.
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

ACUTE EFFECTS	No toxicological data is available for the finished product.
ORAL TOXICITY	Can cause chemical burns to gastrointestinal tract. 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.
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

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12. ECOLOGICAL INFORMATION

TOXICITY	Toxic to aquatic life with long lasting effects.
PRECAUTIONS	This product must not be applied directly into or onto water. Take all reasonable steps to ensure that the substance does not cause any significant adverse effects to the environment beyond the area of application. Avoid contamination of any waterways with product or empty container.
ECOTOXICITY INFORMATION	<p>Alkoxylated alcohol LD50 (96hr, Cyprinus carpio) 1.4 mg/L LC50 (48hr, Daphnia magna) 6.46 mg/L</p> <p>Surfactant LC50 (96hr, Lopomis macrochirus) 1.3 mg/L NOEC (Medaka) 0.0082 mg/L LC50 (48hr, Daphnia pulex) 4.8 mg/L</p>
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. 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. Consult your local authority for disposal.
CONTAINER DISPOSAL	Triple rinse container and add residue to spray tank. Do NOT burn. Do not use the container for any other purpose. Dispose at an approved landfill.

14. TRANSPORT INFORMATION

CLASSIFIED AS A DANGEROUS GOOD ACCORDING TO THE AUSTRALIAN CODE OF THE TRANSPORT OF DANGEROUS GOODS BY ROAD AND RAIL.



	Land Transport (ADG code)	Sea Transport (IMDG)	Air Transport (IATA)
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	-	-	-
Packing Group	III	III	III
Hazchem	2W	2W	
Marine Pollutant		Marine Pollutant	

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14. TRANSPORT INFORMATION

15. REGULATORY INFORMATION

APVMA REGISTRATION	60386
	See APVMA website for registration conditions www.apvma.gov.au
POISON SCHEDULE	5
INVENTORY	Australian Inventory of Chemical Substances.
STATUS	Components Listed.

16. OTHER INFORMATION

SDS ISSUE DATE	18 September 2024
SDS REVIEW DATE	March 2027
REFERENCES	Supplier SDS. NZ Chemical Classification Information Database. Safe Work Australia – Workplace Exposure Standards for airborne contaminants (2013). Australian Pesticides and Veterinary Medicines Authority.
ABBREVIATIONS	
APVMA	Australian Pesticides and Veterinary Medicines Authority
CAS Number	Chemical Abstract Service Number - used to uniquely identify chemical compounds
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	International Maritime Dangerous Goods
IATA	International Air Transport Association
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