

AGPRO SAFETY DATA SHEET

PRECARE

Issue Date: 18/12/2018

1. SUBSTANCE IDENTIFICATION:

Precare

SUPPLIER NAME: AGPRO NZ Limited
SUPPLIER CODE: None
SUPPLIER ADDRESS: 10 Polaris Place, East Tamaki, Auckland.
SUPPLIER PHONE: 09 273 3456
EMERGENCY PHONE: 0800 POISON
USE: Selective herbicide for use in Lucerne, lettuce, clover seed crops, cotula lawns and bowling greens.

2. HAZARDS IDENTIFICATION:

HAZARD CLASSES:

6.4A: May cause serious eye irritation.
6.7B: Suspected of causing cancer.
6.9B May cause organ damage thru repeated oral exposure at high doses.
9.1A: Very toxic to aquatic life with long lasting effects.
9.2A: Very toxic to the soil environment.

EPA approval number: HSR100618

3. COMPOSITION / INFORMATION ON INGREDIENTS:

COMMON NAME	CAS NUMBER	CONCENTRATION
Propyzamide	23950-58-5	50%
Ingredients determined to be non-hazardous	50%	

4. FIRST - AID MEASURES:

EYE CONTACT: Immediately flush with flowing water for at least 15 minutes. Seek medical attention.
SKIN CONTACT: Wash with plenty of soap and flowing water for at least 15 minutes while removing contaminated clothing. Wash clothing before reuse.
INHALATION: If ill-effects occur, move the victim to fresh air. If ill-effects persist, consult a doctor..
INGESTION: Seek medical attention.
NOTES TO DOCTOR: Treat symptomatically.

5. FIRE FIGHTING MEASURES:

FLASHPOINT: Not applicable.
FLAMMABLE LIMITS: None.
EXTINGUISHING MEDIA: Dry chemical, water spray (fog), foam or carbon dioxide.
THERMAL DECOMPOSITION PRODUCTS: No data available.
SPECIAL FIRE FIGHTING METHODS: Vapours may be toxic. Self contained breathing apparatus required. Do not allow contaminated runoff to enter drains.
UNUSUAL FIRE OR EXPLOSION HAZARDS: None.

6. ACCIDENTAL RELEASE MEASURES:

Use appropriate protective equipment. Clear area of unnecessary personnel. Spills may be slippery and should be cleaned up immediately. Large spill: Dike and pump as much as possible to a salvage container. Absorb the remaining liquid and any small spills with clay granules, sand or other absorbent material and sweep to a waste container. Cover the spill area with water and absorb. Minimise runoff into waterways or drains.

7. HANDLING AND STORAGE:

Store in original container, tightly closed, away from foodstuffs, seeds, fertilisers and pesticides and strong oxidizing agents. Keep out of reach of children. Wash protective clothing daily after work.

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8. EXPOSURE CONTROLS / PERSONAL PROTECTION:

EXPOSURE LIMITS:	Not established by OSHA.
EYE PROTECTION:	Use chemical splash goggles.
RESPIRATORY PROTECTION:	When work conditions are such that aerosols or mists are generated or may be generated, use a suitable approved respirator for organic gases and vapours.
PROTECTIVE CLOTHING:	Where contact is likely, wear chemical-resistant (such as nitrile or butyl) gloves, coveralls, socks and chemical-resistant footwear..
VENTILATION:	General (mechanical) room ventilation is considered satisfactory.
HYGENE 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 before breaks and after work.

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE / STATE / COLOUR:	White to cream coloured liquid	VAPOUR PRESSURE:	No data available
ODOUR:	Characteristic	VAPOUR DENSITY:	No data available.
ODOUR THRESHHOLD:	No data available.	RELATIVE DENSITY:	1.1mg/L @ 25°C
pH:	6.5 – 9	KINEMATIC VISCOSITY:	No data available
SOLUBILITY:	15mg/L	AUTOIGNITION TEMP:	No data available
BOILING POINT:	100 °C	DECOMPOSITION TEMP:	No data available
INITIAL BOILING POINT/BOILING RANGE:	No data available		
FLASHPOINT:	>155 °C		
FLAMMABILITY:	Non Flammable		
PARTITION COEFFICIENT: N-OCTANOL/WATER:	No data available		
UPPER/LOWER FLAMMABILITY OR EXPLOSIVE LIMITS:	No data available.		

10. STABILITY AND REACTIVITY:

CONDITIONS TO AVOID:	Temperature extremes.
MATERIALS TO AVOID:	Oxidising agents, acids and alkalis.
HAZARDOUS DECOMPOSITION PRODUCTS:	None known

11. TOXICOLOGICAL INFORMATION:

No specific toxicological data is available for this product. Data below is for the active.

ACUTE TOXICITY:	
ACUTE ORAL:	LD50 (rate) >4.7mg/kg for propyzamide.
ACUTE DERMAL:	LD50 (rabbit) >5.6mg/kg for propyzamide.
ACUTE INHALATION:	LC50 (rat) 4hr >5mg/L for propyzamide.
ACUTE TOXICITY(Other routes of administration):	No data available.
ASPIRATION HAZARD:	No data available
RESPIRATORY IRRITATION:	No data available
SKIN CORROSION/IRRITATION:	No skin irritation.
SERIOUS EYE DAMAGE/IRRITATION:	Warning - May cause eye irritation, avoid contact with eyes.
RESPIRATORY OR SKIN SENSITATION:	May cause irritation from prolonged contact.
GERM CELL MUTAGENICITY:	No data available.
CARCINOGENICITY:	No data available.
REPRODUCTIVE TOXICITY:	No data available.
SPECIFIC ORGAN DAMAGE:	No data available.
NARCOTIC EFFECTS:	No data available.
EXPERIENCE WITH HUMAN EXPOSURE:	
GENERAL INFORMATION:	No data available.
INHALATION:	No data available.
SKIN CONTACT:	No data available.
EYE CONTACT:	No data available.
INGESTION:	No data available.

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12. ECOLOGICAL INFORMATION:

ECOTOXICITY:

TOXICITY :

Fish: LC50 (Rainbow Trout) 96hr – 4.7mg/L for propyzamide
Daphnia: EC50 (Water Flea) 48hr – 5.6mg/L for propyzamide
Algae: EC50 (Green Algae) 72hr – no available

CHRONIC AQUATIC TOXICITY:

No data available.

PLANT TOXICITY:

No data available.

TOXICITY TO MICROORGANISMS:

No data available.

SEDIMENT TOXICITY:

No data available.

TOXICITY TO SOIL DWELLING ORGANISMS:

No data available.

TOXICITY TO TERRESTRIAL ORGANISMS: No data available.

PERSISTENCE & DEGRADABILITY:

BIODEGRABILITY:

No data available.

STABILITY IN WATER:

Stable as readily dispersible

IMPACT ON SEWAGE TREATMENT:

No data available.

BIOACCUMULATIVE POTENTIAL:

BIOACCUMULATION:

No data available.

MOBILITY IN SOIL:

MOBILITY:

No data available.

DISTRIBUTION AMONG ENVIRONMENTAL COMPONENTS:

No data available.

STABILITY IN SOIL:

No data available.

OTHER ADVERSE EFFECTS:

ENVIRONMENTAL FATE AND PATHWAYS:

No data available.

RESULTS OF PBT and vPvB ASSESSMENT:

No data available.

ENDOCRINE DISRUPTING POTENTIAL:

No data available.

HAZARDOUS TO THE OZONE LAYER:

OZONE DEPLETION POTENTIAL:

No data available.

ADDITIONAL ECOLOGICAL INFORMATION – product:

An environmental hazard cannot be excluded in the event of unprofessional handling or disposal. Toxic to aquatic life.

GLOBAL WARNING POTENTIAL:

No data available.

13. DISPOSAL CONSIDERATIONS:

DISPOSAL METHODS: Waste from residues: The product should not be allowed to enter drains, water courses or the soil. Do not contaminate ponds, waterways or ditches with the chemical or empty container. Use in its intended purpose or send to licenced waste management company
Packaging: Triple rinse container and add residue to spray tank. Burn the container if circumstances, especially wind direction permit. Otherwise bury in a landfill. Do not use the container for any other purpose.

14. TRANSPORT INFORMATION:

PROPER SHIPPING NAME:

ENVIRONMENTAL HAZARDOUS SUBSTANCE, LIQUID, N.O.S. Propyzamide 50%

DG CLASS:

9

UN NUMBER:

3082

HAZCHEM:

2X

PACK GROUP:

III

15. REGULATORY INFORMATION:

ACVM Pesticide Number:

P009588

APPROVED HANDLER:

Not required.

16. OTHER INFORMATION:

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.