

# AGPRO SAFETY DATA SHEET

DIRECT

## AGPRO 2,4-D AMINE 625

Issue Date: 01 Jul 2020

### 1. SUBSTANCE IDENTIFICATION:

#### AGPRO 2,4-D Amine 625

SUPPLIER NAME: AGPRO NZ LTD  
SUPPLIER CODE: None  
SUPPLIER ADDRESS: 10 Polaris Place, East Tamaki, Auckland.  
SUPPLIER PHONE: 09 273 3456  
EMERGENCY PHONE: 0800 POISON (0800 764 766)  
SUPPLIER FAX: 09 273 3457

### 2. HAZARDS IDENTIFICATION:

Primary Identifiers: Toxic - Keep out of reach of Children.

Hazard Classes:

- 6.1C - Warning- May be fatal if swallowed, inhaled or absorbed through the skin.
- 6.9A - Warning - May cause eye damage. Avoid contact with the eyes.
- 8.3A - Danger - Eye corrosive. Causes serious eye damage.
- 9.1B - Toxic to aquatic life with long lasting effects. Avoid contamination of any water supply with product or empty container.
- 9.2A - Warning - Very toxic to the soil environment.
- 9.3B - Toxic to soil vertebrates.

Refer to Section 15 for EPA Requirements.

### 3. COMPOSITION / INFORMATION ON INGREDIENTS:

COMMON NAME	CAS NUMBER	CONCENTRATION
2,4-D Amine	2008-39-1	62.5%
Other ingredients	Proprietary	remainder

### 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: Non-Flammable  
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.

**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.
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 before breaks and after work.

**9. PHYSICAL AND CHEMICAL PROPERTIES:**

APPEARANCE / STATE / COLOUR:	Clear reddish brown coloured liquid	VAPOUR PRESSURE:	No data available.
ODOUR:	Mild amine odour.	VAPOUR DENSITY:	No data available.
ODOUR THRESHHOLD:	No data available.	RELATIVE DENSITY:	1.25g/mL @ 25°C
pH:	8 – 10	KINEMATIC VISCOSITY:	No data available
SOLUBILITY:	Fully soluble in water	AUTOIGNITION TEMP:	No data available
MELTING POINT/FREEZING POINT:	No data available.	DECOMPOSITION TEMP:	No data available
INITIAL BOILING POINT/BOILING RANGE:	Approx 100°C		
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:**

STABILITY:	Stable under normal conditions.
CONDITIONS TO AVOID:	Avoid mixing with strong acids, alkalis and oxidizing agents such as chlorine compounds etc.
MATERIALS TO AVOID:	None.
HAZARDOUS DECOMPOSITION PRODUCTS:	Products arising from combustion or thermal decomposition may be toxic, corrosive or flammable.

**11. TOXICOLOGICAL INFORMATION**

ACUTE TOXICITY:	
ACUTE ORAL:	LD50 (Rat) >699mg/kg.
ACUTE DERMAL:	LC50 (Rat) inhalation.>2000mg/kg
ACUTE INHALATION:	LC50 (Rat) >1.79mg/kg for 4hr aerosol exposure.
ACUTE TOXICITY(Other routes of administration):	No data available.
ASPIRATION HAZARD:	No data available
RESPIRATORY IRRITATION:	No data available
SKIN CORROSION/IRRITATION:	May cause skin irritation, avoid skin contact.
SERIOUS EYE DAMAGE/IRRITATION:	Warning - May cause severe eye damage, avoid contact with eyes.
RESPIRATORY OR SKIN SENSITATION:	No data available.
GERM CELL MUTAGENICITY:	Not mutagenic.
CARCINOGENICITY:	Not carcinogenic.
REPRODUCTIVE TOXICITY:	None.
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 – 100mg/L  
Daphnia: EC50 (Water Flea) 48hr – 184mg/L  
Birds: LC50 (Mallard & Quail) – >1000ppm  
Non-toxic to bees

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.

PERSISTANCE & DEGRADABILITY:	
BIODEGRABILITY:	Moderately persistent.
STABILITY IN WATER:	Stable as readily dispersible
IMPACT ON SEWAGE TREATMENT:	No data available.

BIOACCUMULATIVE POTENTIAL  
BIOACCUMULATION: Slightly toxic to wild birds and aquatic invertebrates. Low tox to fish and non-toxic to honey bees.

MOBILITY IN SOIL	
MOBILITY:	Moderately persistent.
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:	Environmentally Hazardous Substance, Liquid, N.O.S (2,4-D Amine 62.5%)
DG CLASS:	9
UN NUMBER:	3082
HAZCHEM:	2X
MARINE POLLUTANT:	Yes
PACK GROUP:	III
IER GUIDE PAGE:	47

### 15. REGULATORY INFORMATION:

EPA approval number:	HSR000367
ACVM approval number:	P008709
TRACKING:	Not required.



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### 16. OTHER INFORMATION:

Contact Points:

Police, Ambulance and Fire Service: 111

National Poisons Information Centre:

0800 POISON (0800 764 766)

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.