

1. SUBSTANCE IDENTIFICATION:**AGPRO Hexagran**

SUPPLIER NAME: AGPRO NZ Limited
SUPPLIER CODE: None
SUPPLIER ADDRESS: 10 Polaris Place, East Tamaki, Auckland.
SUPPLIER PHONE: 09 273 3456
SUPPLIER FAX: 09 273 3457
EMERGENCY PHONE: 0800 POISON
CHEMICAL FAMILY: Heterocyclic triazine
USE: For the selective pre-emergence weed control in forestry

2. HAZARDS IDENTIFICATION:

HAZARD CLASSES: 6.1D, Warning: May be harmful if inhaled, swallowed or in contact with the skin.
6.3B, Warning: May cause a mild skin irritation.
6.4A, Warning Causes serious eye irritation.
6.9B, Warning. May cause organ damage through prolonged or repeated exposure.
9.1A, Warning: Very toxic to aquatic life with long lasting effects.
9.2A, Warning: Toxic to the soil environment.
9.3C. Warning: very toxic to terrestrial vertebrates.

3. COMPOSITION / INFORMATION ON INGREDIENTS:

COMMON NAME	CAS NUMBER	CONCENTRATION
Hexazinone	51235-04-2	750g/L
Wetting Agent, carriers, etc.		up to 100%

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: Do not induce vomiting. Seek medical advice.
NOTES TO DOCTOR: Treat symptomatically.

5. FIRE FIGHTING MEASURES:

FLASHPOINT: Not flammable.
FLAMMABLE LIMITS: None.
EXTINGUISHING MEDIA: Dry chemical, water spray (fog), foam or carbon dioxide.
THERMAL DECOMPOSITION PRODUCTS:
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 in a cool, well-ventilated place. 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:	Where eye contact is likely, use chemical splash goggles.
RESPIRATORY PROTECTION:	No special protection needed.
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 / ODOUR:	Off white solid. (Granules)	pH:	7.1 (1% dispersion).
BOILING POINT:	Not Available	SETTING POINT:	Not Available.
DENSITY:	0.5kg/L	AUTOIGNITION TEMP:	Not Applicable.
DECOMPOSITION TEMP:	Not Available.	VAPOUR DENSITY:	Not Volatile.
FLASHPOINT:	Not Applicable.	VAPOUR PRESSURE:	0.03 @ 20°C (hexazinone)
EXPLOSION PROPERTIES:	Not Applicable.		
SOLUBILITY:	Dispersible		
OTHER DATA:			
OCTANOL / WATER PARTITION COEFFICIENT:	Not Available.		

10. STABILITY AND REACTIVITY:

CONDITIONS TO AVOID:	None.
MATERIALS TO AVOID:	None.
HAZARDOUS DECOMPOSITION PRODUCTS:	Products arising from decomposition may be toxic, corrosive or flammable.

11. TOXICOLOGICAL INFORMATION:

Based on active.

ACUTE ORAL:	LD50 (rats) 1690mg/kg.
ACUTE DERMAL:	LD50 (Rabbit) >5278mg/kg
ACUTE INHALATION:	LC50 (1 hr) (Rat) .7.48mg/L
OTHER TOXICITY INFORMATION:	Warning - May cause skin irritation, avoid skin contact. Warning - May cause eye irritation, avoid contact with eyes.
<i>ACUTE</i>	
SWALLOWED:	Single dose oral toxicity is slightly toxic. Rat LD ₅₀ > 4000mg/kg.
EYE:	Warning Irritating to the eye.
SKIN:	No more than slightly irritating.
INHALED:	No more than slightly toxic.
<i>CHRONIC:</i>	Not available.

12. ECOLOGICAL INFORMATION:

AQUATIC TOXICITY:	Very toxic to aquatic organisms. Very toxic to some plant species. Harmful to terrestrial vertebrates. Non-toxic to bees. Biodegradable. DT50 (soil) 30-180 days. Do not contaminate streams, rivers or waterways with the chemical or the used container.
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13. DISPOSAL CONSIDERATIONS:

Triple rinse container and add residue to spray tank. Burn the container if circumstances, especially wind direction permit. Otherwise bury in a landfill. Avoid contamination of any water supply with chemical or empty container. Do not use the container for any other purpose.

AGPRO SAFETY DATA SHEET

DIRECT

AGPRO HEXAGRAN

Issue Date: 15 Jul 2020

14. TRANSPORT INFORMATION:

PROPER SHIPPING NAME:	Environmentally Hazardous Substance, Solid, N.O.S. (Hexazinone 75%)
DG CLASS:	9
UN NUMBER:	3077
HAZCHEM:	2X
PACKING GROUP:	III

15. REGULATORY INFORMATION:

APPROVED HANDLER:	Only when used in a wide dispersive manner.
See the EPA Website for more details:	www.epa.govt.nz
EPA Approval Code:	HSR000516
ACVM Pesticide Number:	P007397

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.