

1. SUBSTANCE IDENTIFICATION:

AGPRO Water Retention Crystals

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
 CHEMICAL FAMILY: Polyacrylate.
 USE: For increasing the water holding capacity of any growing media.

2. HAZARDS IDENTIFICATION:

HAZARD CLASSES: Not considered as hazardous for transport purposes.

3. COMPOSITION / INFORMATION ON INGREDIENTS:

COMMON NAME	CAS NUMBER	CONCENTRATION
Sodium Polyacrylate	9003-04-7	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: None.
 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 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.		
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 / ODOUR :	White granular powder..		
BOILING POINT:	Not Available	pH:	Not Applicable.
DENSITY:	1.5g/ml.	SETTING POINT:	Not Available.
DECOMPOSITION TEMP:	Not Available.	AUTOIGNITION TEMP:	Not Applicable.
FLASHPOINT:	Not Applicable.	VAPOUR DENSITY:	Not Available.
EXPLOSION PROPERTIES:	Not Applicable.	VAPOUR PRESSURE:	Not Available.
SOLUBILITY:	Swells in water.		
OTHER DATA:			
OCTANOL / WATER PARTITION COEFFICIENT:	Not Available.		

10. STABILITY AND REACTIVITY:

CONDITIONS TO AVOID:	None.
MATERIALS TO AVOID:	Avoid contact with strong oxidising agents.
HAZARDOUS DECOMPOSITION PRODUCTS:	None.

11. TOXICOLOGICAL INFORMATION:

ORAL:	None
DERMAL:	None
INHALATION:	Irritating dust. Avoid inhalation.
EYE:	Warning: Causes eye irritation. Avoid contact with the eyes.

12. ECOLOGICAL INFORMATION:

Data is not yet available.

13. DISPOSAL CONSIDERATIONS:

Triple rinse container and add residue to spray tank. Do not burn. Return empty container to an AgRecovery collection point for disposal. Avoid contamination of any water supply with chemical or empty container. Do not use the container for any other purpose. Do not contaminate streams, rivers or waterways with the chemical or the used container.

14. TRANSPORT INFORMATION:

PROPER SHIPPING NAME:	None
DG CLASS:	None
UN NUMBER:	None
HAZCHEM:	2X
PACK GROUP:	None

15. REGULATORY INFORMATION:

APPROVED HANDLER:

This product does not have to be under the control of an approved handler.

See the ERMA Website for more details:

www.epa.govt.nz

EPA Approval Code:

HSR003257

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.