



SAFETY DATA SHEET

AGPRO NZ Limited
PO Box 58-963,
Greenmount, AUCKLAND
Ph: 09 273 3456 Fax: 09 273 3457
Website: www.agpro.co.nz
This SDS consists of 16 sections.

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Effective Date: 01/10/05

AGPRO Red Marker Dye

1. SUBSTANCE IDENTIFICATION:

AGPRO Red Marker Dye

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: USE: Tracer Dye

2. HAZARDS IDENTIFICATION:

Hazard Classes: Not Classified

3. COMPOSITION / INFORMATION ON INGREDIENTS

COMMON NAME	CAS NUMBER	CONCENTRATION
Rhodamine B	81-88-9	>200g/L
Inert Materials		up to 100%

4. FIRST - AID MEASURES:

EYE CONTACT: Immediately flush with flowing water for at least 15 minutes. Seek medical attention if irritation occurs.
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: If swallowed, drink several glasses of water or milk. DO NOT induce vomiting. Seek medical advice.
NOTES TO DOCTOR: Treat symptomatically.

5. FIRE FIGHTING MEASURES:

FLASHPOINT: >100°C
FLAMMABLE LIMITS: None
EXTINGUISHING MEDIA: Dry chemical, water spray (fog), foam or carbon dioxide.
THERMAL DECOMPOSITION PRODUCTS: Not 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 tightly closed original containers in a cool, well-ventilated place away from foodstuffs, seeds, fertilisers and pesticides, reducing agents and acids. Keep out of reach of children. Wash protective clothing daily after work.



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8. EXPOSURE CONTROLS / PERSONAL PROTECTION:

EXPOSURE LIMITS: Not Available
EYE PROTECTION: Where eye contact is likely, 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.
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: Dark red liquid
BOILING POINT: >90°C
DENSITY: 0.98g/mL @ 25°C
DECOMPOSITION TEMP: Not Available.
FLASHPOINT: >100°C
EXPLOSION PROPERTIES: Not Applicable.
SOLUBILITY: Miscible
OTHER DATA:
OCTANOL / WATER PARTITION COEFFICIENT: Not Available.

pH:	Not Applicable.
SETTING POINT:	Not Available.
AUTOIGNITION TEMP:	Not Applicable.
VAPOUR DENSITY:	Not Available.
VAPOUR PRESSURE:	Not Available.

10. STABILITY AND REACTIVITY:

CONDITIONS TO AVOID: None.
MATERIALS TO AVOID: None.
HAZARDOUS DECOMPOSITION PRODUCTS: None.

11. TOXICOLOGICAL INFORMATION:

ACUTE ORAL:
ACUTE DERMAL:
ACUTE INHALATION:
OTHER TOXICITY INFORMATION: Warning - May cause skin irritation, avoid skin contact.
Warning - May cause eye irritation, avoid contact with eyes.

Acute
Swallowed: If swallowed, drink several glasses of water. DO NOT induce vomiting unless patient has induced high doses. Seek medical advice.
Eye: A moderate eye irritant. May cause watering of the eyes or blurred vision.
Skin: Moderate irritation after prolonged contact.
Inhaled: Potentially toxic, irritant, intoxicant- avoid creating aerosols or mists.

Chronic
May cause an allergic reaction in sensitive individuals.

12. ECOLOGICAL INFORMATION:

Complete information is not yet available.

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.



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14. TRANSPORT INFORMATION:

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

15. REGULATORY INFORMATION:

APPROVED HANDLER: This product DOES NOT have any Approved Handler, Tracking, or Record Keeping Requirements.

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.