



Safety Data Sheet



Pyromite®

Date of issue: 30th March, 2011

1) Identification of Substance:		
Product name:	Pyromite	
Active Ingredient(s):	50g/litre fenpyroximate SC	
ACVM Approval:	P8032	
ERMA Approval:	HSR100268	
Distributed by:	Adria Crop Protection P.O. Box 535 Kumeu 1250, Auckland Ph: 09-412-9817 Fax: 09-412-9807 www.adriacp.co.nz	
Emergency Number:	National Poisons Centre 0800 POISON 0800 764 766	
2) Hazards Identification:		
HSNO Classifications:	6.1E, 6.1D, 6.3B, 6.4A, 6.5B, 6.9B, 9.1A, 9.2D, 9.3C	
Risk and safety phrases:		
3) Composition Details:		
Chemical identity:	Fenpyroximate	
Chemical identity of ingredients:		
Ingredient:	CAS No.:	Content (%w/v)
Fenpyroximate	111812-58-9	5.0
4) First Aid Measures:		
General Information:		
Skin contact:	Remove contaminated clothing. Wash with soap and water. Seek medical attention if irritation develops.	
Eye contact:	Flush eyes immediately with clean water for at least 15 minutes. Seek medical attention if irritation develops.	
Ingestion:	Do NOT induce vomiting. A glass of water may be given. For advice, contact the National Poisons Centre on 0800 POISON (0800 764766) or a doctor immediately.	
Inhalation:	Remove patient to fresh air whilst keeping calm. Seek medical attention.	
Further Information:	Treatment: No specific antidote. Treat symptomatically.	

5) Fire-Fighting Measures:	
Specific hazards:	Specific hazards in a fire: Release of toxic fumes.
Extinguishing media and methods:	Make use of water, foam, dry chemical, or carbon dioxide.
Recommended protective clothing:	Wear Self Contained Breathing Aparatus and chemical-protective clothing.
6) Accidental Release Measures:	
Personal precautions:	Wear full protective clothing. Avoid contact with skin, eyes and clothing. Remove contaminated clothes and shoes immediately.
Environmental precautions:	Do not discharge into drains/surface waters/groundwater.
Spill procedures:	Wear appropriate protective clothing and prevent material from entering waterways. Absorb spills with inert material and place in waste containers. Wash area with water and absorb with further inert material.
Disposal procedures:	Perforate and flatten empty containers and dispose of as with waste, safely according to local Council regulations or approved landfill.
7) Handling & Storage:	
Handling:	Avoid contact with skin and eyes. Ventilation required. Keep away from: sparks, open flame and direct sunlight.
Storage:	Store in original container tightly closed and in a locked, cool, dry, ventilated area away from foodstuffs, fertilisers and seeds
8) Exposure Control / Personal Protection:	
Engineering measures:	
Respiratory protection:	Wear respiratory protection where ventilation is inadequate or when preparing spray.
Eye protection:	Safety goggles or shield is recommended.
Hand protection:	Suitable chemical resistant safety gloves.
Other protective equipment:	Appropriate full body protection (chemical protection suit/overall and boots) must be worn depending on activity and possibility of exposure.
General Safety & Hygiene measures:	Keep away from food, drink and animal feedstuffs. No eating, drinking or smoking during use. Wash hands and face before breaks and after work. Clean protective gear and contaminated equipment after use.

9) Physical & Chemical Properties:	
Form:	Liquid.
Colour:	White.
Odour:	Characteristic.
Melting point/boiling point:	101.1–102.4 °C. / -
Density:	1.25 g/cm ³ (20 °C) a.i.
Surface tension:	-
pH:	7,5
Flash point:	-
Ignition Temperature:	-
Explosive Limits:	Not flammable (water based substance).
10) Stability & Reactivity:	
Conditions to avoid:	Avoid excessive temperatures.
Materials to avoid:	None known.
Hazardous reactions:	None known.
11) Toxicological Information:	
Acute oral toxicity:	LD ₅₀ (rat) > 7000 mg/kg(male); > 6000 mg/kg (female).
Acute inhalation toxicity:	LC ₅₀ (4hrs) (rat) > 1800 mg/m ³ (male); > 2000 mg/m ³ (female).
Acute dermal toxicity:	LD ₅₀ (rabbit) > 3900 mg/kg.
Skin irritation:	Unlikely to occur (based on rabbit).
Eye irritation:	Moderate to severe irritation.
Sensitisation:	Unlikely to occur (based on rabbit).
12) Ecological Information:	
Acute fish toxicity:	LC ₅₀ (48hrs) carp > 0.20mg/l.
Toxicity for daphnia:	EC ₅₀ (24hrs) daphnia magna > 0.18 mg/l.
Toxicity to algae:	EC ₅₀ (72h) <i>Pseudokirchneriella subcapitata</i> > 9.00 mg/l.
13) Disposal Considerations:	
Disposal: 	Triple rinse container and add residue to spray tank. Return empty container to an AgRecovery collection point for disposal.
Empty container precautions:	Avoid contamination of any water supply with chemical or empty container.
14) Transportation Information:	
Rail/road (RID/ADR):	UN NUMBER: 3082 Class: 9 Packaging group: III Shipping name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.(Fenpyroximate).  ECOTOXIC

Sea (IMDG code):	UN NUMBER: 3082 Marine Pollutant: Class: 9 Packaging group: III ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.(Fenpyroximate)  ECOTOXIC
Air (ICAO/IATA):	UN NUMBER: 3082 Marine Pollutant: Class: 9 Packaging group: III ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.(Fenpyroximate)  ECOTOXIC
15) Regulatory Information:	
Approved handlers:	This product must be under the care of an approved handler during use.
ACVM controls:	See www.nzfsa.govt.nz/acvm/ for registration conditions.