

SAFETY DATA SHEET

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Effective Date: 15/01/2017

Grosafe Activated Amitrole Weedkiller

1. SUBSTANCE IDENTIFICATION:

Grosafe Activated Amitrole Weedkiller

SUPPLIER NAME: Grosafe Chemicals Ltd
SUPPLIER ADDRESS: 20 Jean Batten Drive Mt Manuganui
SUPPLIER PHONE: 07 572 2662
EMERGENCY PHONE: 0800 POISON
CHEMICAL FAMILY:

USE: Herbicide

2. HAZARDS IDENTIFICATION:

Hazard Classes: 6.1E, 6.4A, 6.8B, 6.9A, 9.1B, 9.2A.
Will cause irritation to eyes.
Refer to Section 15 for ERMA Requirements.

3. COMPOSITION / INFORMATION ON INGREDIENTS

COMMON NAME	CAS NUMBER	CONCENTRATION
Amitrole, 3-amino-1,2,4-triazole	61-82-5	400g/L
Ammonium thiocyanate	1762-95-4	100g/L
Hydrochloric acid 33%	7647-01-0	<500g/L
Wetting Agent		<500g/L
Water		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: If swallowed drink water and induce vomiting. Repeat vomiting until fluid is clear in appearance. Seek medical attention.
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 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. Keep out of reach of children. Wash protective clothing daily after work.

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8. EXPOSURE CONTROLS / PERSONAL PROTECTION:

EXPOSURE LIMITS:	Not established by OSHA.
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:	Clear dark amber liquid		
BOILING POINT:	Not Available	pH:	Not Applicable.
DENSITY:	1.12g/mL @ 25°C	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:	Miscible		
OTHER DATA:			
OCTANOL / WATER PARTITION COEFFICIENT:	Not Available.		

10. STABILITY AND REACTIVITY:

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

11. TOXICOLOGICAL INFORMATION:

ACUTE ORAL:	LD50 (rats) >1100 mg/kg.
ACUTE DERMAL:	LC50 (rabbit) inhalation >10 000 mg/Kg.
ACUTE INHALATION:	
OTHER TOXICITY INFORMATION:	Warning - May cause skin irritation, avoid skin contact. Warning - May cause severe eye irritation, avoid contact with eyes.

<i>Acute</i>	
Swallowed:	Single dose oral toxicity is moderately toxic. Rat LD ₅₀ >1100mg/kg.
Eye:	Severe irritant.
Skin:	Moderately irritating. Rat LD ₅₀ >10 000mg/kg
Inhaled:	Moderate irritant.

<i>Chronic</i>	Dogs fed Amitrole exhibited thyroid and pituitary changes. Amitrole does not cause reproductive effects or does not cause mutagenic effects.
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12. ECOLOGICAL INFORMATION:

AQUATIC TOXICITY:	Slightly toxic to aquatic invertebrates.
SOIL TOXICITY:	
TERRESTRIAL VERTEBRATES - BIRDS:	
TERRESTRIAL INVERTEBRATES - BEES:	
Agpro Activated Amitrole has been shown to be slightly toxic to aquatic invertebrates. 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.

14. TRANSPORT INFORMATION:

PROPER SHIPPING NAME: Environmentally Hazardous Substance, N.O.S. (40% Amitrole)
DG CLASS: 9
UN NUMBER: 3082
HAZCHEM: 2X
PACK GROUP: III

15. REGULATORY INFORMATION:

Amitrole Extreme is granted dispensation from Registration when used in the Home Garden Market provided it not applied on crops that will be consumed as food by humans or animals

APPROVED HANDLER: This product must be under the control of an approved handler during use.

See the ERMA Website for more details: www.ermanz.govt.nz

ERMA Approval Code: HSR000422

ACVM Pesticide Number: P005310.

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.