


Material Safety Data Sheet

Trexel®

Date of issue: 17th July, 2010

1) Identification of Substance:		
Product name:	Trexel	
Active Ingredient(s):	250g/litre Trinexapac-ethyl EC	
ACVM Approval:	P8043	
ERMA Approval:	HSR100269	
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:	3.1D, 6.3A, 6.4A, 9.1A, 9.2D.	
Risk and safety phrases:	APVMA Product Number: 60214 Poison Schedule: 5	
3) Composition Details:		
Chemical identity:	Trinexapac-ethyl	
Chemical identity of ingredients:		
Ingredient:	CAS No.:	Content (%w/v)
Trinexapac-ethyl	9566-40-3	25
4) First Aid Measures:		
General Information:		
Skin contact:	Wash immediately with soap and water. Do not rub skin.	
Eye contact:	Flush eyes immediately and continue for at least 15 minutes. Seek medical attention.	
Ingestion:	Do NOT induce vomiting if swallowed. For advice, contact the National Poisons Centre on 0800 POISON (0800 764766) or seek medical attention immediately.	
Inhalation:	Remove to fresh air while keeping patient calm. Seek medical attention.	
Further Information:	Treatment: No known specific antidote. Treat symptomatically (decontamination, vital functions).	

5) Fire-Fighting Measures:	
Specific hazards:	Combustion products are toxic and/or irritant. Measures have to be taken to prevent the contaminated extinguishing agent from seeping into the ground or from spreading uncontrollably
Extinguishing media and methods:	Make use of fine water spray, foam, dry chemical, or carbon dioxide to extinguish fires. DO NOT use a direct jet of water.
Recommended protective clothing:	Wear SCBA and chemical-protective clothing.
6) Accidental Release Measures:	
Personal precautions:	Use 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. Do not discharge into the subsoil/soil.
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:	Dispose of waste safely, according to local Council regulations.
7) Handling & Storage:	
Handling:	Avoid contact with skin and eyes. Ensure adequate ventilation. Keep away from: sparks, open flame and direct sunlight.
Storage:	Protect from temperatures above: 40 °C
8) Exposure Control / Personal Protection:	
Engineering measures:	
Respiratory protection:	Wear respiratory protection if ventilation is inadequate. Use particle filter with medium efficiency for solid and liquid particles.
Eye protection:	Wear safety goggles with side-shields.
Hand protection:	Wear suitable chemical resistant safety gloves (e.g. nitrile rubber (.4mm)).
Other protective equipment:	Body protection (chemical protection suit, boots) must be chosen depending on activity and possible exposure.
General Safety & Hygiene measures:	Keep away from food, drink and animal feedstuffs. No eating, drinking or smoking during use and wash hands and face before breaks and after work.

9) Physical & Chemical Properties:	
Form:	Liquid.
Colour:	Yellow – Light brown.
Odour:	Unpleasant.
Melting point/boiling point:	-
Density:	0.96 – 1g/cm ³ (20 °C).
Surface tension:	28.2 – 28.5 mN/m (20 °C).
pH:	4.1
Flash point:	80°C at 1,013 hPa.
Ignition Temperature:	250 °C.
Explosive Limits:	Not explosive.
10) Stability & Reactivity:	
Conditions to avoid:	Avoid excessive temperatures.
Materials to avoid:	None known.
Hazardous reactions:	None known.
11) Toxicological Information:	
Acute oral toxicity:	LOW. LD ₅₀ (rat): > 5,000 mg/kg.
Acute inhalation toxicity:	LOW. LC ₅₀ (rat): >5.3 mg/L / 4h.
Acute dermal toxicity:	LOW. LD ₅₀ (rat): > 4,000 mg/kg.
Skin irritation:	Not an irritant.
Eye irritation:	Not an irritant.
Sensitisation:	Sensitiser.
12) Ecological Information:	
Acute fish toxicity:	Slightly toxic. <i>Oncorhynchus mykiss</i> (rainbow trout): LC ₅₀ = 24 mg/L.
Toxicity for daphnia:	Moderately toxic <i>Daphnia magna</i> (Water flea): EC ₅₀ = 2.9 mg/L, 48 h.
Toxicity to algae:	Moderately toxic. <i>Anabaena flos-aquae</i> (bluegreen algae): ErC ₅₀ = 8.3 mg/L, 72 h. EbC ₅₀ = 5.6 mg/L, 72 h.
13) Disposal Considerations:	
Disposal: 	When emptying container, triple rinse and add remaining material to spray tank. Return the empty container to an AgRecovery collection point for disposal.
Empty container precautions:	Avoid contaminating any water supply with the chemical or empty container.

14) Transportation Information:

Rail/road (RID/ADR):

UN3082.
Class: 9.
Packaging Group: III.
Environmentally Hazardous Substance,
Liquid, N.O.S. (Trinexapac-ethyl).
Marine Pollutant.



ECOTOXIC

Sea (IMDG code):

UN3082.
Class: 9.
Packaging Group: III.
Environmentally Hazardous Substance,
Liquid, N.O.S. (Trinexapac-ethyl).
Marine Pollutant.



ECOTOXIC

Air (ICAO/IATA):

UN3082.
Class: 9.
Packaging Group: III.
Environmentally Hazardous Substance,
Liquid, N.O.S. (Trinexapac-ethyl).



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.