

SAFETY DATA SHEET

Generation[®] Block

Date of Issue: 29 September 2019

1. SUBSTANCE/PREPARATION AND COMPANY IDENTIFICATION

Chemical name of active ingredient(s): Difethialone

Recommended use: Rodent Control

Supplier: ETEC Crop Solutions Limited
P O Box 51584
Pakuranga 2140, Auckland
Phone 0800 100 325

Emergency telephone number: 0800 Poison (0800 764 766) 24 Hours

2. HAZARDS IDENTIFICATION

Hazard Classification: 6.9B, 9.1C, 9.3C

Emergency overview: May be harmful if swallowed or absorbed through the skin, because this material may reduce the clotting ability of the blood and cause bleeding.

Required identification Details:

Primary entry routes: Oral (swallowing), dermal absorption through skin)

Acute effects (signs and symptoms of overexposure):

- **eyes:** May cause temporary eye irritation.
- **skin:** May be harmful if absorbed through skin. Symptoms of toxicity include lethargy, loss of appetite, reduced blood clotting ability and bleeding.
- **inhalation:** Due to this product's solid form, inhalation is unlikely.
- **ingestion:** May be harmful if swallowed. Symptoms of toxicity include lethargy, loss of appetite, reduced clotting ability of blood, and bleeding.

Chronic effects: Prolonged and/or repeated exposure to small amounts of product can produce cumulative toxicity. Symptoms of toxicity include lethargy, loss of appetite, reduced clotting ability of blood, and bleeding.

Medical conditions aggravated by exposure: Bleeding disorders

Target organs: Blood

carcinogenicity: Contains no known or suspected carcinogens.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance/preparation Information on hazardous ingredients

Common name	CAS No	%
Difethialone	104653-34-1	0.0025%

4. FIRST-AID MEASURES

Description of necessary first aid measures: Provide washing facilities in the workplace

Inhalation:	If inhaled, remove person to fresh air and get medical attention.
Ingestion:	Call a physician or poison control centre immediately. Have the product label available for medical personnel to read.
Skin contact:	Wash with soap and water. Get medical attention if irritation persists.
Eye contact:	Flush with water. Get medical attention if irritation persists.
Notes to a physician:	This rodenticide contains an anticoagulant ingredient. If ingested, administer vitamin K1 intra muscularly or orally, as indicated in bishydroxycoumarin overdoses. Repeat as necessary based on monitoring of prothrombin times. For information on this pesticide product (including health concerns, medical emergencies, or pesticide incidents) call National Poisons Centre. Phone 0800 POISON [0800 764 766].

5. FIRE-FIGHTING MEASURES

HAZCHEM Code:	3X
Extinguishing media :	Use media suitable for the surrounding fire. Avoid, if possible, using a water spray fire extinguisher if there is a risk of polluting sewers and ground water.
Hazardous thermal (de)composition products:	On burning may emit toxic fumes.
Protection of fire-fighters:	Firefighters should wear self-contained breathing instructions: apparatus (full face-piece) and full protective clothing. Contain runoff to prevent pollution.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions:	Wear gloves when handling the Granules.
Environmental precautions:	Prevent spillage of wash water into drains and waterways
Methods for cleaning up:	Large spill/Leak Procedures: Isolate and contain spill. Limit access to the spill area to necessary personnel. Do not allow spilled material to enter sewers, streams or other waters. Scoop up spilled material and place in a closed, labelled container for use or disposal. Small spills: Scoop up material for use according to label instructions.

7. HANDLING AND STORAGE

Handling:

Handling Precautions: Read the entire product label before using this rodenticide. Carefully follow all cautions, directions and use restrictions on the label. Avoid contact with eyes, skin or clothing.

Storage:

Storage requirements: Store in original container in a cool, dry area out of reach of children, pets and domestic animals. Do not contaminate water, food or feed. Keep container tightly closed. Do not remove or destroy product label.

Packaging materials:

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Workplace Exposure Guidelines

Workplace exposure standards:

TEL: Not Set
EEL: Not Set
None Set

Exposure Standards outside: The workplace:

Exposure control measures:

Ventilation: Special ventilation is not required for the normal handling and use of this product when following the label instructions.

Protective clothing/equipment: None required for normal handling.

Respirator: None required when used according to label instructions.

Contaminated equipment: Damaged or unwanted bait stations and bait holders should be wrapped in paper and discarded in trash.

Comments: Never eat, drink or smoke in work areas. Practice good personal hygiene after using this product. Wash arms, hands and face with soap and water after handling this product, and before eating and smoking. Launder contaminated clothing separate from street clothes.

Personal Protective Equipment

Detail specifications for equipment:

Respiratory system:

Wear disposable dust mask.

Skin and body:

When opening the container, preparing product for use (loading) and if applying by hand, wear cotton overalls buttoned to the neck and wrist (or equivalent clothing).

Hands:

Wear elbow-length rubber gloves

Eyes:

Wear eye protection if dust has been generated

General hygiene:

After each day's use, wash gloves and contaminated clothing. Wash skin thoroughly with soap and water.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State, odour & colour:	Solid blue blocks with raw grain odour
pH: active ingredient	Not applicable
Vapour Pressure: active ingredient	Not applicable
Boiling Point: active ingredient	Not applicable
Freezing/melting point:	Not applicable
Solubility: active ingredient	Not applicable
Specific gravity or density:	1.05 g/cm ³
Flashpoint:	None
Explosion properties:	Not Explosive
Oxidation properties:	Not an Oxidiser

10. STABILITY AND REACTIVITY

Stability:	Product is stable for at least 2 years under ambient storage conditions.
Conditions to avoid:	Excessive heat and moisture
Materials to avoid:	
Hazardous decomposition Products:	May produce oxides of carbon in a fire.
Hazardous polymerization:	Not subject to polymerization
Specific Data:	
Hazardous reactions :	Not reactive

11. TOXICOLOGICAL INFORMATION

Eye effects/eye irritation:	Mild, transient irritant
Acute Oral effects:	LD ₅₀ (oral-rat): >5000 mg/kg
Acute inhalation effects:	No data available
Acute dermal effects:	LD ₅₀ (dermal-rabbit): >2000 mg/kg
Skin irritation:	Non-irritating
Skin sensitisation:	Not a skin sensitizer
Other information :	Target Organ Toxin.Blood thinner

12. ECOLOGICAL INFORMATION

This product is toxic to fish and wildlife. Do not apply this product directly to water, where surface water is present or to intertidal areas below the mean high water mark. Carefully follow label cautions and instructions to reduce hazards to children, pets and non-target wildlife

13. DISPOSAL CONSIDERATIONS

Methods of disposal :	Disposal: Wastes resulting from the use of this product according to the label instructions must be disposed of as specified on the product label. This product is not regulated as a dangerous good. Local
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Government regulation may affect the disposal of this product. Consult your local Regional Council for disposal of waste generated other than by use according to label instructions.

14. TRANSPORT INFORMATION - International transport regulations

UN number:	N.A.
Class or Division:	Not classified
Sub Class:	N.A.
Packing Group:	N.A.
Marine Pollutant:	Not a Marine Pollutant
Proper shipping name :	N.A.

Other Information:

15. REGULATORY INFORMATION

ACVM Registered Number:	V9597
HSNO Approval Code:	HSR100840

16. OTHER INFORMATION

Additional information:	Original Issue Date: 15 th February 2014 Revision Date: 23 Sept 2014 Replaces: ES348
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Disclaimer

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