



Ramex

Loose Grain Bait

Material Safety Data Sheet

SECTION 1: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: **RAMEX kills Rats and Mice!**

Product Registration Number: 13920, *Pest Control Products Act*

Product Use: Anti-Coagulant Rodenticide

WHIMIS Classification: This product is not regulated under WHIMIS.

Product Formulation: Formulated Loose Grain

Manufacturer: Ramex Company of Canada Ltd.
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Winnipeg MB R3X 1W6

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Website: www.ramexkillsratsandmice.ca

Medical or Vet Emergency: Alberta: 1-800-332-1414
British Columbia: 1-800-567-8911
Manitoba: 1-855-776-4766
Ontario: 1-800-268-9017
Québec: 1-800-463-5060
Saskatchewan: 1-866-454-1212

SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

Canada:


Component	CAS Number	Concentration
Diphacinone [2-(Diphenylacetyl-1H-indene-1,3(2H)-dione]	82-66-6	00.005%
Inert and Non-Hazardous Ingredients	Proprietary	99.995%

Ingredients not precisely identified are proprietary and/or non-hazardous. Values are not product specifications.

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SECTION 3: HAZARDS IDENTIFICATION

Classifications:	Not applicable based on toxicity information
Hazard Statements:	Causes damage to organs through prolonged or repeated exposure (Anticoagulant)
Hazard Symbols:	
Precautionary Statements:	Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Wash hands and face thoroughly after handling. Do not eat or drink when using this product. If on skin: Wash with plenty of soap and water. If exposed or concerned: Get medical advice immediately. Contact a poison control center or doctor if you feel unwell. Dispose of contents and container in accordance with Federal, Provincial and Local regulations.
Other Hazard Statements:	This product presents no significant hazards under normal conditions of use.

SECTION 4: FIRST AID MEASURES

Have the product container, label, or Safety Data Sheet with you when calling a poison control center or doctor or going for treatment.

<i>Primary Route of Entry:</i>	Ingestion
<i>Procedures:</i>	
Ingestion:	If swallowed: Call a poison control center or doctor immediately for treatment advice. Do not give anything by mouth or induce vomiting unless told to do so after contacting a poison control center or doctor. Do not give anything by mouth to an unconscious person.
Eye Contact:	If in eyes: Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.
Skin Contact:	If on skin or clothing: Take off contaminated clothing. Wash skin with soap and water.
Inhalation:	Not applicable.
<i>Most important Symptoms and Effects, both acute and delayed:</i>	Ingestion may cause nausea, vomiting, loss of appetite, extreme thirst, lethargy, diarrhea, bleeding.
<i>Advice to Physician or Veterinarian:</i>	If ingested, this material may reduce the clotting ability of the blood and cause bleeding. If ingested, administer Vitamin K ₁ intramuscularly or orally as indicated by bishydroxycoumarin overdoses. Repeat as many times as necessary as based upon monitoring or prothrombin times.



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SECTION 5: FIRE FIGHTING MEASURES

Suitable (and unsuitable) extinguishing media:

Use dry chemical, foam or CO₂ extinguishing media. If water is to be used to fight fire, dike and collect run-off.

Specific Hazards:

During a fire, irritating and possible toxic gases and Oxidites of carbon may be generated by thermal decomposition of combustion.

Special protective equipment and precautions for firefighters:

Wear full protective clothing and self-contained breathing apparatus. Evacuate nonessential personnel from the area to prevent human exposure to fire, smoke, fumes or product of combustion.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures:

Follow exposure controls/personal protection outlined in Sect on 8.

Methods and materials for containment and cleaning up:

Control the spill at its source. Clean up spills immediately, observing precautions outlines in Sect on 8. Sweep up material and place in a compatible disposal container. Once all material is collected, seal container and arrange for disposition in accordance with Federal, Provincial, and Local regulations.

SECTION 7: HANDLING AND STORAGE

Precautions for safe handling:

Store the material in a secure area out of reach of children and domestic animals. Do not store food or beverages in the storage area. Prevent eating and drinking in areas where there is a potential for exposure to the material. Wash thoroughly with soap and water after handling.

Conditions for safe storage, including any incompatibilities:

Store locked up. Avoid exposure to light and extreme humidity. Bait is stable for a minimum of 1 year when stored at room temperature.

SECTION 8: EXPOSURE CONTROL / PERSONAL PROTECTION

THE FOLLOWING RECOMMENDATIONS FOR EXPOSURE CONTROLS/PERSONAL PROTECTION ARE INTENDED FOR THE MANUFACTURE, FORMULATION, PACKAGING, AND USE OF THIS PRODUCT.

FOR COMMERCIAL APPLICATIONS AND/OR ON-FARM APPLICATIONS CONSULT THE PRODUCT LABEL.

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|---------------|--|
| Ingestion: | Prevent eating or drinking in areas where there is a potential for exposure to the material. Wash thoroughly with soap and water after handling. |
| Eye Contact: | Eye protection is not required for normal handling. |
| Skin Contact: | Rubber gloves are recommended for normal handling. |



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SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Loose Grain	Flammability:	No, will not support combustion
Odor:	Sweet, Grain Like	Vapor Pressure:	Not Available
pH:	Not Available	Vapor Density:	Greater than 1.0
Melting Point:	Not Available	Relative Density:	Not Available
Freezing Point:	Not Available	Solubility(ies):	Slightly Soluble (Diphacinone Technical)
Boiling Point and Boiling Range:	Not Available	Hazardous Combustion Products:	Oxides of Carbon and Irritating Gasses
Flash Point (Test method)	Not Available	Viscosity:	Not Applicable, not a liquid
Flammable limits (% in air)		Other:	
- Upper Limit	Not Available		Avoid contact with strongly Alkaline materials
- Lower Limit	Not Available		

SECTION 10: STABILITY AND REACTIVITY

Chemical Stability:	Stable when stored in original container in a cool, dry location.	Conditions to Avoid:	None known
Reactivity:	Stable when stored in original container in a cool, dry location.	Hazardous Combustion Products:	Oxides of Carbon and Irritating Gasses
Incompatible Materials:	Avoid contact with strongly Alkaline materials	Possible Hazardous Reactions:	Will not occur

SECTION 11: TOXICOLOGICAL INFORMATION

Health Effects Information:

Likely routes of exposure:	Ingestion
Symptoms of exposure:	Anticoagulant effects
Delayed, immediate and chronic effects of exposure:	Anticoagulant effects

Numerical Measures of Toxicity (Acute Toxicity/Irritation Studies):

Ingestion:	Oral LD ₅₀ (Rat):	>7 mg/kg body weight (Diphacinone Technical)
Dermal:	Dermal LD ₅₀ (Rabbit):	>10 mg/kg body weight (Diphacinone Technical)
Inhalation:	Inhalat on LC ₅₀ (Rat):	<1 mg/kg body weight (Diphacinone Technical)
Eye Contact:	See "Other Toxicity Information, Sect on 11"	
Skin Contact:	See "Other Toxicity Information, Sect on 11"	
Skin Sensitization:	Not Available	

Reproductive/Developmental Effects: Not Available

Chronic/Subchronic Toxicity Studies: Diphacinone Technical: Not Available.

Carcinogenicity: Diphacinone Technical: Unlikely to be carcinogenic.



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SECTION 12: ECOLOGICAL INFORMATION

Do not discharge effluent containing this product directly to water. Do not contaminate water when disposing of equipment wash water. This product is extremely toxic to fish, birds and other wildlife. Dogs and predatory and scavenging mammals and birds might be poisoned if they feed upon animals that have eaten this bait. Do not apply this product directly to water or to areas where surface water is present or to inter tidal areas below the mean high-water mark. Runoff also may be hazardous to aquatic organisms in water adjacent to treated areas. Do not contaminate water when disposing of equipment wash water or rinsate.

SECTION 13: DISPOSAL CONSIDERATIONS

Disposal: Do not reuse empty container except for holding additional product. Keep containers closed and away from other chemicals.

Characteristic Waste: Not Applicable

Listed Waste: Not Applicable

SECTION 14: TRANSPORT INFORMATION

Canadian Classification:

Proper Shipping Name:	Exterminator, Vermin, O/T Poison
Transport Hazard Class(es):	Non-Hazardous, Not Regulated
Freight Classification:	LTL Class 60 (DOT Labels not required)
UN Number:	Not Regulated
Packing Group:	Not Regulated
Label:	Not Applicable
Special Instructions:	None
DOT Environmental Hazards:	Not considered hazardous for transportation via road/rail, vessel, or by air.

SECTION 15: REGULATORY INFORMATION

Pesticide Registration

This chemical is a pesticide product registered by Health Canada and the Pest Management Regulatory Agency and is subject to certain labelling requirements under federal pesticide law. These requirements differ from the classification criteria and hazard information required for safety data sheets and for workplace labels of non-pesticide chemicals. Following is the hazard information as required on the pesticide label.

Caution: Harmful if swallowed or absorbed through skin. Keep away from children, domestic animals and pets. Do not get in eyes, on skin or on clothing.



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SECTION 16: OTHER INFORMATION

NFPA Hazard Rating

Health: 1

Flammability: 0

Instability: 0

HMIS Hazard Rating

Health 1*

Flammability 0

Reactivity 0

Other:

0 – Minimal

1 – Slight

2 – Moderate

3 – Serious

4 – Extreme

* - Chronic

Product Name: RAMEX kills Rats and Mice

SDS Number: RAMG002-CAN-G

Prepared by: _____

Issue Date: October 11, 2023

NOTICE AND WARRANTY

THIS PEST CONTROL PRODUCT IS TO BE USED ONLY IN ACCORDANCE WITH THE DIRECTIONS ON THE LABEL. IT IS AN OFFENCE UNDER THE PEST CONTROL PRODUCTS ACT TO USE THIS PRODUCT IN A MANNER THAT IS INCONSISTENT WITH THE DIRECTIONS ON THE LABEL. THE USER ASSUMES THE RISK TO PERSONS OR PROPERTY THAT ARISES FROM SUCH USE OF THIS PRODUCT.

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