

**RCO International, Inc.**  
**PO Box 191**  
**Harrisburg, OR 97446**  
[www.rodent-baits.com](http://www.rodent-baits.com)  
 (Manufacturing Location)

**In Case of Emergency**  
**Call 1-800-222-1222**  
**1-800-214-2248**

## 1. PRODUCT IDENTIFICATION

Product Name: **RCO Mole and Gopher Patrol**  
 EPA Signal Word: **Caution**  
 Active Ingredient % Diphacinone (0.005%) CAS No.: 82-66-6  
 Chemical Name: 2-Diphenylacetyl-1, 3-Indandione  
 Chemical Class: An indandione-type anticoagulant rodenticide.  
 EPA Registration Number: 5042-33

## 2. COMPOSITION/INFORMATION ON INGREDIENTS

Material	OSHA PEL	ACGIH TLV	Other	NTP/IARC/OSHA Carcinogen
Diphacinone (0.005%)	Not Established	Not Established	Not Established	NO
Grain	Not Established	Not Established	Not Established	NO
Flavorings	Not Established	Not Established	Not Established	NO

Ingredients not precisely identified are proprietary or non-hazardous. Values are not product specific.

## 3. HAZARDS IDENTIFICATION

Symptoms of Acute Exposure

Slightly irritating to the eyes. The active ingredient is designed to cause bleeding after repeated ingestion.

Hazardous Decomposition Products

None known.

Physical Properties

Appearance: Tan colored extruded pellets

Odor: Breadlike

Unusual Fire, Explosion, and Reactivity Hazards

None Known

## 4. FIRST AID MEASURES

Have the product container, label, or Material Data Safety Sheet with you when calling Poison control center, or doctor, or going for treatment. **For a Medical Emergency Involving this Product Call 1-800-222-1222.**

If swallowed: Call poison control center, doctor, or 1-800-222-1222 immediately for treatment advice.  
 Have person sip a glass of water if able to swallow.  
 Do not induce vomiting unless told to do so by the poison control center or doctor.

If on skin or clothing: If on skin or clothing: Take off contaminated clothing.  
 Rinse skin immediately with plenty of water for 15-20 minutes.  
 Call a poison control center, doctor, or 1-800-222-1222 immediately for treatment advice.

If in eyes: Hold eye open and rinse slowly and gently with water for 15-20 minutes.  
 Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.  
 Call a poison control center, doctor, or 1-800-222-1222 immediately for treatment advice.

## TREATMENT FOR PET POISONING

If animal eats bait, call veterinarian at once.

**NOTE TO PHYSICIAN OR VETERINARIAN**

**Anticoagulant Diphacinone: If swallowed, this material may reduce the clotting ability of the blood and cause bleeding. For humans or dogs that have ingested this product and/or have obvious poisoning symptoms (bleeding or prolonged prothrombin times), give Vitamin K1 intramuscularly or orally.**

**5. FIRE FIGHTING MEASURES**Fire and Explosion

Flash Point (test method)	Not Applicable	
Flammable Limits (% in Air)	Lower: % Not Applicable	Upper: % Not Applicable
Auto ignition Temperature	Not Available	
Flammability	Not Flammable	
Extinguishing Media	Fog or Water Spray, Foam, Carbon Dioxide, Dry Chemical	

Hazardous Decomposition Products

None Known

Unusual Fire, Explosion, and Reactivity Hazards

None Known

In Case of Fire

Potentially hazardous in fire. Wear self-contained breathing apparatus. If water is used as an extinguishing media, diking is required to keep contaminated water out of all water supplies.

**6. ACCIDENTAL RELEASE MEASURES**In Case of Spill or Leak

Control the spill at its source. Clean up spill immediately, observing precautions outlined in Section 8. Sweep up material and place in a compatible disposal container. Once all material is collected, seal container and arrange for disposition.

**7. HANDLING AND STORAGE**

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

**8. EXPOSER CONTROLS/PERSONAL PROTECTION**

THE FOLLOWING RECOMMENDATIONS FOR EXPOSURE CONTROL/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.

Ingestion:	Prevent eating, drinking, tobacco usage and cosmetic application in areas where this 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. Where eye contact is likely, wear tight-fitting chemical goggles.
Skin Contact:	Gloves are not required for normal handling. Where heavy contact is likely, wear chemical resistant (such as nitrile or butyl) gloves.
Inhalation:	Respiratory protection is not required for normal handling. In the event of an unusual dust exposure, use engineering controls or a NIOSH-approved particulate respirator (N,P,R, or HE Filter) to keep exposure below the Occupational Exposure Limit.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

Appearance:	¼" diameter – Tan Colored Pellets
Odor:	Low Odor – Bread Like
Melting Point:	Not Available
Boiling Point:	Not Available
Specific Gravity/Density:	Bulk Density 31-33lbs/ft <sup>3</sup>
pH:	Not Available
Solubility:	Slightly soluble
Vapor Pressure(mmg-HG):	Not Available
Vapor Density:	Not Available

**10. STABILITY AND REACTIVITY**

Stability:	Stable under normal use and storage conditions
Hazardous Polymerization:	Will not occur
Conditions to Avoid:	None known
Materials to Avoid:	None known
Hazardous Decomposition Products:	None Known

**11. TOXICOLOGY INFORMATION**Acute Toxicity/Irrational studies (Finished Product)

Ingestion:	<b><u>Low Toxicity</u></b>
	Oral(LD50Rat): >7mg/kg body weight(Diphacinone Technical at 98% active)
	Oral(LD50Rat): >100,000 mg/kg body weight(mole and gopher patrol)
Dermal:	<b><u>Not Available</u></b>
	Dermal (LD50Rat) : See "Other Toxicity Information," Section 11
Inhalation:	<b><u>Not Available</u></b>
	Inhalation (LC50Rat) : See "Other Toxicity Information," Section 11
Eye Contact:	See "Other Toxicity Information," Section 11
Skin Contact:	See "Other Toxicity Information," Section 11
Skin Sensitization:	<b><u>Not Available</u></b>

Other Toxicity Information

Systemically toxic concentrations of this product will probably not be absorbed through human skin. Because of the formulation of this product, inhalation is not expected to be a normal route of exposure. No irritation is likely to develop following contact with human eyes. Irritation will probably not develop following contact with human skin. Effects of overexposure are those of anticoagulant overdose, i.e., reduced blood clotting ability with spontaneous bleeding in various organs. Body accumulation can result from repeated exposures. Individuals with blood clotting disorders may be more susceptible to over exposure effects.

Toxicity of Other Components

Grains	:	Not Available
Flavorings	:	Not Available

Target Organs**Active Ingredients**

Diphacinone Technical : Blood

**Inactive Ingredients**

Grains : Not Available  
Flavoring : Not Available

**12. ECOLOGICAL INFORMATION**

Do not discharge effluent containing this product directly to water. Do not contaminate water when disposing of equipment wash water.

### 13. DISPOSAL CONSIDERATIONS

#### Container Disposal

*Plastic Containers:* Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incineration, or if allowed by state and local authorities, by burning. If burned, stay out of smoke.

*For Containers 1 gallon or less:* Do not reuse empty container (bottle, can, bucket). Wrap container and put in trash.

#### Pesticide Disposal

Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

### 14. TRANSPORT INFORMATION

#### DOT Classification

Not Regulated

#### B/L Freight Classification

Exterminator, Vermin, O/T Poison

#### Comments

Not Applicable

**15. REGULATORY INFORMATION**EPA SARA Title III Classification

Section 311/312 Hazard Classes: Exempt for low concentrations of Hazardous ingredients in mixture.

Section 313 Toxic Chemicals: Not Applicable

California Proposition 65

Not Applicable

CERLA/SARA 302 Reportable Quantity (RQ)

None

RCRA Hazardous Waste Classification (40 CFR 261)

Not Applicable

TSCA Status

Exempt from TSCA, subject to FIFRA

**16. OTHER INFORMATION**NFPA HAZARD RATINGHealth: 1  
Flammability: 1  
Instability: 0HMIS HAZARD RATINGSHealth: 1  
Flammability: 1  
Reactivity: 00- Minimal  
1-Slight  
2-Moderate  
3-Serious  
4-ExtremeFor Non-Emergency Questions About This Product Call:  
541-995-7799RCO INTERNATIONAL, INC  
HARRISBURG, OR

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