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**MATERIAL SAFETY DATA SHEET**

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**Rat Control Pellets**Page 1 of 3

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**Section I**

Supplier Information:	Emergency Telephone Number
Name: Earth City Resources, Inc.	Chemtrec 800/424-9300 (after hours)
Address: P. O. BOX 958	
City: Bridgeton	Telephone Number for Information
State: Missouri 63044	Contact: 314/291-6724

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**Section II - Hazardous Ingredients/Identity Information**

Hazardous Components	TWA	CAS #	% (opt.)
(Special Chemical Identification; Common Name)			
Warfarin:3-(alpha-acetylbenzyl)-4-Hydroxycoumarin	0.1 mg/m <sup>3</sup>	81-81-2	0.025

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**Section III - Physical/Chemical Characteristics**

Boiling Point:	Not Applicable
Specific Gravity (H <sub>2</sub> O = 1):	Not Applicable
Vapor Pressure (mm Hg):	Not Applicable
Melting Point:	Not Applicable
Vapor Density (AIR = 1):	Not Applicable
Evaporation Rate (Butyl Acetate = 1):	Not Applicable
Solubility in Water:	Insoluble
Appearance and Odor:	Green pellets with an odor or grain.

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**Section IV - Fire and Explosion Hazard Data**

Flash Point (Method Used):	Not Applicable
Flammable Limits:	LEL: Not Applicable UEL: Not Applicable
Extinguishing Media:	Water spray, dry chemical, carbon dioxide, or foam suitable for the surrounding fire and materials.
Special Firefighting Procedures:	Not Applicable
Unusual Fire and Explosion Hazards:	Nonflammable, non-explosive.

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**Section V - Reactivity Data**

Stability	STABLE
Incompatibility	(Materials to Avoid): Strong Oxidizers
Hazardous Decomposition or Byproducts:	None Known
Hazardous Polymerization	WILL NOT OCCUR
Conditions to Avoid:	None Known

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**MATERIAL SAFETY DATA SHEET**

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**Rat Control Pellets**

Page 2 of 3

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**Section VI - Health Hazard Data**

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Warfarin Oral LD<sub>50</sub> (rats) 20-325 mg/kg

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Routes of Entry:                      Inhalation? NO                      Skin? YES                      Ingestion? YES

Health Hazards (Acute and Chronic):                      None presently known.

Carcinogenicity:                      NTP? NO                      IARC Monographs? NO                      OSHA Regulated? NO

Signs and Symptoms of Exposure:    Hemorrhaging, abdominal pain, vomiting, hematuria

Medical Conditions Generally Aggravated by Exposure:                      None presently known.

**Emergency and First Aid Procedures**

**INGESTED:**

If swallowed immediately call a physician or Poison Control Center. Induce vomiting by drinking 1-2 glasses of water and touching back of throat with a finger. Warfarin is an anticoagulant. Vitamin K should be administered intravenously or intramuscularly. Check prothrombin time. Never give anything by mouth to an unconscious person.

**SKIN CONTACT:**

Wash affected area immediately with plenty of soap and water. Rinse with water for 15-20 minutes. Call a poison control center or doctor for treatment advice.

**EYE CONTACT:**

Immediately rinse eyes by holding eyes open and rinse eyes slowly and gently with water for a minimum of 15 to 20 minutes. Remove contact lenses, if present, after the first 5 minutes, and then continue rinsing eyes. Call a Poison Control Center or a physician for treatment advice.

**INHALATION:**

Not Applicable

**NOTE:**

Have the product container or label with you when calling a Poison Control Center or physician, or going for treatment.

**NOTE TO PHYSICIAN:**

Warfarin is an anticoagulant. Vitamin K should be administered intravenously or intramuscularly. Check prothrombin time

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**Section VII - Precautions for Safe Handling and Use**

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**Steps to be Taken in Case Material is Released or Spilled:**

Sweep up and place in a suitable container for disposal.

**Waste Disposal Method:**

Dispose of empty container in a sanitary landfill

Pesticide wastes are acutely hazardous.

Improper disposal of excess pesticide, spray mixture or rinsate is a violation of Federal Law.

If these wastes cannot be disposed of by use according to the label instruction, contact your State Pesticides or Environmental Control Agency, or the Hazardous Waste representative at the nearest Environmental Protection Administration (EPA) Regional Office for guidance.

Consult federal, state or local disposal authorities for approved alternative procedures such as limited open burning.

**Precautions to be Taken in Handling or Storage:**

Store in a cool, dry place inaccessible to children and pets.

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**MATERIAL SAFETY DATA SHEET**

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**Rat Control Pellets**

Page 3 of 3

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Do not contaminate water, food or feed by storage or disposal.

Other Precautions:

Keep out of the reach of children.

Read and follow directions on product label.

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**Section VIII - Control Measures**

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Respiratory Protection: Not necessary under recommended conditions of use.

Ventilation	Local Exhaust:	Not Applicable
	Special:	Not Applicable
	Mechanical (General):	Not Applicable

Protective Gloves:	Wear rubber gloves, when handling
Eye Protection:	Wear safety goggles or face shield, to protect eyes.
Other Protective Clothing or Equipment:	None generally required.
Work/Hygienic Practices:	When using do not eat, drink or smoke
	Read and follow direction on product label.
	Wash hands thoroughly after using.

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**Section IX - Additional Information**

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Annihilator is a trademark of Earth City Resources, Inc.

Disclaimer of Expressed and Implied Warranties: This information is provided in good faith but without express or implied warranty. Buyer assumes all responsibility for safety and use not in accordance with label instructions.

Prepared by Regulatory Affairs Department  
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