



SAFETY DATA SHEET (SDS)

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION			
Product Name: Kaput® Rat & Mouse Bait EPA Reg. No. 72500-6 Use: Anticoagulant Rodenticide for control of rats, mice and voles – Ready to Use	Manufacturer: Scimetrics Ltd. Corp. PO Box 1045 Wellington, CO 80549 Ph. 970-482-1330	Emergency Phone No: Medical: 800-858-7378 Transportation: 800-424-9300 (CHEMTREC)	
SECTION 2: HAZARDS IDENTIFICATION			
Classification according to Regulation OSHA 1910.1200(d): Not applicable See “Section 15: Regulatory Information” for FIFRA applicable Safety, Health and Environmental Classification			
SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS			
Component	CAS No.	% by Weight	
Warfarin [(RS)-4-Hydroxy-3-(3-oxo-1-phenylbutyl)-2H-1-benzopyran-2-one]	81-81-2	0.025%	
Other inert ingredients are proprietary and non-hazardous		99.975%	
SECTION 4: FIRST AID MEASURES			
Symptoms: Ingestion of excessive quantities may cause nausea, vomiting, loss of appetite, extreme thirst, lethargy, diarrhea, bleeding. Have product container or label with you when calling a poison control center or doctor or going for treatment. You may also contact the National Poison Information Center at 1-800-858-7378 for emergency medical treatment information. If swallowed: Call a poison control center or doctor immediately for treatment advice. Have a 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: Take off contaminated clothing. Wash skin with soap and water. 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. If irritation persists, call a poison control center or doctor immediately for treatment advice. Inhalation: Not applicable Note to Physician or Veterinarian: Contains the anticoagulant Warfarin. If swallowed, this material may reduce the clotting ability of the blood and cause bleeding. For humans or animals ingesting bait and/or showing poisoning signs (bleeding or elevated prothrombin times), give Vitamin K ₁ , intramuscularly or orally.			
SECTION 5: FIRE-FIGHTING MEASURES			
Flash Point: Not applicable. Flammable Limit: Not applicable. Extinguishing Media: For small fires, use water spray, carbon dioxide, dry chemical powder, or foam. Special Fire Fighting Procedures: Firefighters should be equipped with protective clothing and self-contained breathing apparatus. Unusual Fire and Explosion Hazards: None Known.			
SECTION 6: ACCIDENTAL RELEASE MEASURES			
General Information: Wear gloves when handling the bait. Spills/Leaks: Immediately wipe up spill, place in a properly labeled container, and hold for waste disposal or re-use. Wash spill area after material pickup is complete. Reference to other sections: Refer to Section 7, 8 and 13 for further details of personal precautions, protective equipment and disposal considerations.			
SECTION 7: HANDLING AND STORAGE			
Storage Temperature: Room temperature Average Shelf Life: Bait is stable for a minimum of 1 year when stored correctly at room temperature Special Sensitivity: Avoid exposure to excessive heat or cold. Precautions in Handling and Storage: Store in original container in a cool, dry area inaccessible to children, pets, and wildlife. Avoid contamination of lakes, streams and ponds. Wash hands thoroughly with soap and water after handling.			
SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION			
Established Limits:			
Component	OSHA	ACGIH	Other Limits
Warfarin	Not established	Not established	Not established
Other Protective Measures:			
Appropriate Engineering Controls: Not required Respiratory Protection: Not required Eye Protection: Not required Skin Protection: Wear gloves. Wash hands thoroughly with soap and water after handling the bait.			
SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES			
Appearance/Color:	Loose grain, green color	Vapor Pressure:	Not applicable
Odor:	Grain-like	Vapor Density:	Not applicable
Odor Threshold:	Not determined	Relative Density:	44.88 lbs / cubic foot
pH:	5.47	Solubility:	Not applicable
Melting Point:	Not applicable	Partition coefficient: n-octanol/water:	Not applicable
Boiling Point:	Not applicable	Auto-Ignition Temperature:	Not applicable
Flash Point:	Not applicable	Decomposition Temperature:	Not determined
Evaporation Point:	Not applicable	Viscosity:	Not applicable
Upper/lower flammability limits:	Not applicable		



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SECTION 10: STABILITY AND REACTIVITY

Reactivity: Not reactive
Chemical Stability: Stable under normal use and storage conditions
Possibility of hazardous reactions: Will not occur
Conditions to Avoid: Avoid extreme temperatures
Incompatible Materials: Avoid strongly alkaline materials
Hazardous Decomposition Products: None known

SECTION 11. TOXICOLOGICAL INFORMATION

Likely routes of exposure: Ingestion, Dermal
Symptoms of Exposure: Reduced blood clotting ability. Please refer to Section 4.
LD50 Oral Ingestion: >5000 mg/kg (rats)
LD50 Dermal (Skin Contact): >2000 mg/kg (rats)
LC50 Inhalation: N/A
Dermal Sensitization: Not Considered a Sensitizer
Skin Irritation: Non-Irritating
Eye Irritation: Minimally Irritating
Carcinogenicity: Contains no components known to have a carcinogenetic effect

Component	NTP	IARC	OSHA
Warfarin	Not listed	Not listed	Not listed

SECTION 12: ECOLOGICAL INFORMATION

This product is toxic to mammals and birds. Dogs, cats and other predatory and scavenging mammals and birds might be poisoned if they feed upon animals that have eaten this bait. Do not apply directly to water, or to areas where surface water is present or to intertidal 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.
Persistence and Degradability: Warfarin is biodegradable
Bioaccumulative Potential: Not determined
Mobility in Soil: Not determined
Other adverse effects: None

SECTION 13. DISPOSAL CONSIDERATIONS

Do not contaminate water, food or feed by storage or disposal.
Pesticide Storage: Store only in original container in a cool, dry place inaccessible to children and pets. Keep containers closed and away from other chemicals. Sweep up spillage carefully and dispose of as indicated below.
Pesticide Disposal: Wastes resulting from the use of this product may be placed in trash or delivered to an approved waste disposal facility.
Container Handling: Non-refillable container. Do not reuse or refill this container. Offer for recycling or reconditioning; or puncture and dispose of in a sanitary landfill or by incineration.

SECTION 14. TRANSPORTATION INFORMATION

UN Number: Not regulated
UN Proper Shipping Name: Not regulated
Transport Hazard Class: Not hazardous
Packing Group Number: Not regulated
Environmental Hazards for DOT Road/Rail, DOT Maritime, DOT Air: Not considered hazardous for transportation via road/rail, vessel or air
Freight Classification: LTL Class 70 or 92.5 (depending on packaging)

SECTION 15. REGULATORY INFORMATION

This product is subject to EPA FIFRA regulations. This pesticide product is regulated by the United States Environmental Protection Agency and is subject to certain labeling requirements under federal pesticide law. These requirements differ from the classification criteria and hazard information required for Safety Data Sheets (SDS), and for workplace labels of non-pesticide chemicals. The safety, health, environmental and hazard information required on the pesticide is listed below:
Signal Word: CAUTION
Precautionary Statements:
 CAUTION: Harmful if swallowed. Keep away from children, domestic animals and pets.
 All handlers (including applicators) must wear shoes plus socks, and gloves. Any person who retrieves carcasses or unused bait following application of this product must wear waterproof gloves.
CA Proposition 65: This product contains a chemical known to the state of California to cause birth defects or other reproductive harm.
EPA Reg. No. 72500-6
TSCA Status: Exempt from TSCA, subject to FIFRA

SECTION 16. OTHER INFORMATION

NFPA Hazard Rating		HMIS Hazard Rating		0 = Minimal 1 = Slight 2 = Moderate 3 = Serious 4 = Extreme
Health	1	Health	1	
Flammability	0	Flammability	0	
Instability	0	Reactivity	0	

Disclaimer: Information provided in this Safety Data Sheet has been obtained from sources believed to be correct to the best of our knowledge but is not all inclusive and shall only be used as a guide. Scimetrics Ltd. Corp. shall not be held liable for any damage resulting from handling or from contact with the above product and provides no warranties either express or implied and assumes no responsibility for the accuracy or completeness of the data contained on this form.

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