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MATERIAL SAFETY DATA SHEET

PRODUCT: Super Rat and Mouse Killer

SECTION 1 - PRODUCT INFORMATION

P.C.P. Act Registration No.: 15948

Code: 7 70400 0
7 70401 0

Chemical Name: 3-[3-(4'-Bromo[1,1'biphenyl]-4-yl)-3-hydroxy-1-phenylpropyl]-4-hydroxy-2H-1-benzopyran-2-one

Synonyms: Bromadiolone

Chemical Family: Hydroxycoumarin

Product Use: Rodenticide

TDG Classification: Not Regulated

SECTION 2 - HAZARDOUS INGREDIENTS

HAZARDOUS INGREDIENTS	WEIGHT %	CAS REG #	LD50 (mg/Kg)	T.W.A. - T.L.V.
Bromadiolone	0.005	28772-56-7	Oral, rat 1.125 Oral, Mouse 1.75 Oral, Dog 13	-
Calculated LD50 for the product			Rat 22,500	
Calculated LD50 for the product			Mouse 35,000	
Calculated LD50 for the product			Dog 260,000	

SECTION 3 - PHYSICAL DATA

Physical State: Solid

Specific Gravity: Not Applicable

Boiling Point: Not Applicable

Vapour Pressure: No Data

% Volatiles: No Data

Solubility in Water: Insoluble

Appearance\Odour: Corn meal with no odour.

pH: No Data

Freezing/Melting Point: Not Applicable

Vapour Density: Not Applicable

Evaporation Rate: Not Applicable

SECTION 4 - FIRE AND EXPLOSION

Flash Point: Not Applicable

Lower Explosion Limit %: Not Applicable

Fire Extinguishing Media: Foam, Dry Chemical, Carbon Dioxide, Water Fog

Fire Fighting Procedures: Wear self-contained Breathing Apparatus and impervious clothing. Minimize amount of water used and contain the run-off by diking.

Other Fire or Explosion Hazards: None known.

Autoignition Temperature: No Data

Upper Explosion Limit %: Not Applicable

SECTION 5 - REACTIVITY DATA

Stability: Stable

Conditions to Avoid: Exposure to UV light may cause this product to decompose.

Incompatibility (Materials to Avoid): Alkalies.

Hazardous Decomposition Products: Carbon Dioxide and Carbon Monoxide.

Hazardous Polymerization: Will Not Occur

Super Rat and Mouse Killer

SECTION 6 - HEALTH HAZARD DATA

Acute Effects of Overexposure: None likely to occur under normal usage.

Effects of Chronic Exposure: Bromadiolone is an anticoagulant which may accumulate in the system and cause internal bleeding.

Other Health Effects: This product is an anticoagulant and can cause bleeding. Main routes of entry are oral, inhalation and dermal. Notes to Physician - Monitor prothrombin times for 5 to 7 days. Intravenous and oral administration of Vitamin K₁ should be given if lab results indicate an effect on blood clotting times. If administration of Vitamin K₁ is initiated on a daily basis, continue to monitor clotting times until the prothrombin times stabilize.

SECTION 7 - FIRST AID PROCEDURES

Inhalation: Move victim to fresh air. Give Artificial Respiration ONLY if required. Give CPR if there is NO breathing AND NO pulse. Obtain medical advice if symptoms persist.

Skin Contact: Flush skin with running water and thoroughly wash with soap and water. If irritation persists seek medical attention.

Ingestion: Give 1 to 2 glasses (200 to 500 ml) of water to dilute material. Induce vomiting by using a finger or blunt object at the back of the throat. Syrup of IPECAC can also be used to induce vomiting. Have victim lean forward with head down to avoid breathing vomitus, administer more water. OBTAIN MEDICAL ADVICE. Do not induce vomiting or give anything by mouth to an unconscious person.

Eye Contact: Flush eyes with running water for 20 minutes. Hold eyelids open during flushing. If irritation persists seek Medical Attention.

SECTION 8 - PREVENTIVE MEASURES

Respiratory Protection: Not required.

Eye Protection: Not required

Skin Protection: Chemical resistant gloves.

Other Personal Protective Equipment: Coveralls

Engineering Controls: Local exhaust or ventilation.

Handling Procedures and Equipment: Avoid breathing vapours and/or dust, contact with eyes, skin and clothing. Wash thoroughly after use.

Storage Requirements: Store in cool, dry, ventilated area. Keep out of reach of children and pets.

Storage Temperature: Min: none °C Max: 40 °C

SECTION 9 - ENVIRONMENTAL PROTECTION DATA

Spill and Leak Procedures: Stop leak and contain spill. Sweep up spilled material and transfer into waste container for disposal. Clean area with detergent and water, absorb wash and place in waste container. Remove any contaminated soil for proper disposal.

Waste Disposal: Dispose of empty container in household garbage. Dispose of waste product in accordance with Local, Provincial or Federal government regulations.

Environmental Effects: Do not contaminate local water supplies or environments.

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