

RATOL 0.25 CB

MSDS

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SECTION I. PRODUCT INFORMATION

PRODUCT NAME: Ratol Cake	CHEMICAL: Bromodialone	CHEMICAL FAMILY: Hydroxycoumarin
USE: Anticoagulant Rodenticide	FORM: Concentrated Bait	CIB REGISTRATION NO: CIR-55,989/2007-Bromodialone(CB)(270)-127 BIS LICENCE NO: IS 12913 : CM/L 3608762

SECTION II. HAZARDOUS INGREDIENTS

INGREDIENT NAME:		% BY WEIGHT
COMMON NAME: Bromodialone	IUPAC NAME : 3-[3-(4'-bromobiphenyl-4-yl)-3-hydroxy-1-phenylpropyl]-4-hydroxycoumarin	0.25

SECTION III. PHYSICAL DATA

APPEARANCE : Powder	COLOUR : Light Green
ODOR : Characteristic	SPECIFIC GRAVITY : N/A
MELTING POINT : N/A	BOILING POINT : N/A
WATER REACTIVITY : N/A	EVAPORATION RATE: N/A
VAPOR DENSITY : N/A	VAPOR PRESSURE : N/A
SOLUBILITY : N/A	BULK DENSITY : N/A

SECTION IV. FIRE AND EXPLOSION DATA

FLASH POINT: N/A	FLAMMABLE LIMIT: UPPER LIMIT: N/A LOWER LIMIT: N/A	AUTOIGNITION TEMP: N/A
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EXTINGUISHING MEDIA:

Extinguish with water, foam or inert gas.

FIRE FIGHTING PROCEDURES:

Wear self contained breathing apparatus and protective clothing.. Minimize amount of water used and contain the runoff by diking.

OTHER FIRE OF EXPLOSION HAZARD:

None

SECTION V. REACTIVITY HAZARD DATA

STABILITY: Stable	CONDITIONS TO AVOID: None
HAZARDOUS POLYMERISATION: Will Not Occur	CONDITIONS TO AVOID: None
INCOMPATIBILITY: Strongly alkaline materials	HAZARDOUS DECOMPOSITION PRODUCTS: Oxides of Carbon

SECTION VI. TOXICITY DATA(Technical Grade)

LD50, ORAL (INGESTION): > 1.125 mg/Kg (rats)	LD50,DERMAL(SKIN CONTACT): > 9.4 mg/Kg (rats)	LC50, INHALATION: N/A
EYE IRRITATION:	SKIN IRRITATION:	DERMAL SENSITIZATION:

None (Rabbits)		None (Rabbits)		Not Considered as a Sensitizer	
SECTION VII. HEALTH HAZARDS					
PRIMARY ROUTE OF ENTRY: Ingestion			SIGNS AND SYPTOMS OF EXPOSURE: Nausea, Vomiting, loss of Appetite, extreme thirst, lethargy, diarrhea, bleeding		
ACUTE:	INGESTION: Poisonous	EYE: Avoid Contact	SKIN: Avoid Contact	INHALATION: N/A	
CHRONIC: Repeated minor exposure may have a cumulative poisoning effect					
EMERGENCY FIRST AID PROCEDURES: Eyes: Flush with cool water for at least 15 minutes. If irritation develops, obtain medical assistance. Skin: Wash with soap and water. Ingestion: Call physician immediately. Do not give anything by mouth or induce vomiting unless instructed by the physician. Inhalation: None					
NOTE TO PHYCISIAN: If ingested and signs of poisoning occurs, administer Vitamin K ₁ , intramuscularly or orally, based on lab reports on clotting time Repeat as necessary with continuous monitoring of prothrombin time.					
SECTION VIII. CONTROL AND PROTECTIVE METHODS					
RESPIRATOR TYPE: Filter Mask			EYE PROTECTION: Not Required		
GLOVES (Recommended): Rubber Gloves			VENTILATION: Not Required		
OTHER PROTECTIVE METHODS: Not Required					
SECTION IX. SPILL OR LEAK PROCEDURE					
STEPS TO BE TAKEN IN THE EVENT OF LEAKAGE OR SPILL: Sweep up spilled material, place in properly labeled container for disposal or re-use					
WASTE DISPOSAL METHOD: Dispose of empty packaging material in household garbage. Dispose of waste or excess material by burial below 0.5 meters or in accordance with local government regulations.					
SECTION X. SPECIAL PRECAUTIONS AND STORAGE DATA					
STORAGE TEMPERATURE: Room Temperature		AVERAGE SHELF LIFE: Product is stable for a minimum of 2 Years when stored under proper conditions			
SENSITIVITY (HEAT, LIGHT, MOISTURE): Avoid exposure to light and extreme humidity					
PRECAUTIONS FOR HANDLING AND STORAGE: Store in a cool, dry place inaccessible to children, pets and wildlife. Keep packing in sealed condition when not in use. Avoid contamination of lakes, streams and ponds by use, storage or disposal. Wash thoroughly with soap and water after handling.					
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