

----- MATERIAL SAFETY DATA SHEET -----

VPL JUST ONE BITE RAT AND MOUSE BAIT BAR

PRODUCT CODE: 7173-189-270
 PRODUCT NAME: Just One Bite Rat and Mouse Bait Bar
 IDENTITY (As Used on Label and List): Just One Bite Rat and Mouse Bait Bar

----- SECTION I - PRODUCT IDENTIFICATION -----

MANUFACTURERS NAME: VETERINARY PRODUCTS LABORATORIES
 301 WEST OSBORN ROAD
 PHOENIX, AZ. 85013
 TELEPHONE NUMBERS: EMERGENCY: (602) 285-1660
 EMERGENCY: (602) 234-2269
 INFORMATION: (602) 285-1660

DATE ENTERED: 03/16/92
 LAST REVISION: 05/14/92

SYNONYMS:
 CHEMICAL FAMILY: Compound
 HAZARD LABEL: Non-regulated product. UN #2588
 MOLECULAR FORMULA: C20H23BrO4
 MOLECULAR WEIGHT: NE or NA
 NFPA RATINGS: (0-4)
 HEALTH: 0
 FLAMMABILITY: 1
 REACTIVITY: 0
 NFPA SPECIFIC HAZARDS:

----- SECTION II - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION -----

HAZARDOUS COMPONENTS (SPECIFIC CHEMICAL IDENTITY/COMMON NAME)	OSHA PEL	ACGIH TLV	PERCENTAGE
Bromadiolone CAS #: 28772-56-7 OTHER LIMITS:			0.005

----- SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS -----

BOILING POINT: NE or NA
 MELTING POINT: NE or NA
 PHYSICAL STATES:
 GAS:
 LIQUID:
 SOLID: X
 SPECIFIC GRAVITY (Water = 1): NE or NA
 VAPOR PRESSURE (mm Hg): NE or NA
 VAPOR DENSITY (Air = 1): NE or NA
 EVAPORATION RATE (Butyl Acetate = 1): NE or NA
 SOLUBILITY IN WATER: NE or NA
 PERCENT VOLATILE: NE or NA
 pH: NE
 APPEARANCE AND ODOR: Natural grain colored wax bar;
 odorless

----- SECTION IV - FIRE AND EXPLOSION HAZARD DATA -----

FLASH PT: 600.0 deg. F
 METHOD USED: C.O.C.
 EXPLOSIVE LIMITS:
 LEL: NE
 UEL: NE
 EXTINGUISHING MEDIA: Dry chemical, CO2, foam, water fog
 SPECIAL FIRE FIGHTING PROCEDURES: Do not use direct stream
 of water. Product will float and can be reignited on
 surface water. Material will not burn unless preheated.
 Do not enter confined fire space without full bunker gear
 (helmet with face shield, bunker coats, gloves, and
 rubber boots), including a positive pressure NIOSH
 approved SCBA.
 UNUSUAL FIRE AND EXPLOSION HAZARDS: None known

----- SECTION V - REACTIVITY DATA -----

STABILITY: Stable
 CONDITIONS TO AVOID (Instability): Light and moisture
 INCOMPATIBILITY (MATERIALS TO AVOID): NE
 HAZARDOUS DECOMPOSITION OR BYPRODUCTS: Combustion products
 are carbon dioxide and carbon monoxide
 HAZARDOUS POLYMERIZATION: Will not occur
 CONDITIONS TO AVOID (Hazardous Polymerization): Will not
 occur

----- SECTION VI - HEALTH HAZARD DATA -----

ROUTE(S) OF ENTRY:
 INHALATION?
 SKIN? Y
 EYES?
 INGESTION? Y
 OTHER:
 HEALTH HAZARDS (Acute and Chronic): This product reduces
 the clotting ability of the blood and may cause bleeding
 in extreme cases. Chronic exposure may result in an
 accumulation in the system resulting in bleeding.
 CARCINOGENICITY:
 NTP?
 IARC MONOGRAPHS?
 OSHA REGULATED?
 RECOMMENDED EXPOSURE LIMITS: 200g/kg via oral route
 LD 50/LC 50: Oral 35g/kg/Dermal 130g/kg
 SIGNS AND SYMPTOMS OF EXPOSURE: Bleeding
 MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: NE
 EMERGENCY AND FIRST AID PROCEDURES:
 SKIN: Immediately wash thoroughly with soap and water;
 then flush with large amounts of running water for at
 least five minutes. Remove contaminated clothing and
 have cleaned by commercial laundry.
 EYE: Immediately flush eye, including under the eyelids,
 with large amounts of running water for at least five
 minutes.
 INHALATION: Remove to fresh air. Prolonged inhalation,
 >4 hours, may be sufficient to affect clotting ability
 of blood. See physician immediately and monitor
 prothrombin times for several days (5-7) to determine
 if there has been an exposure of concern. If clotting
 times are extended, then anticoagulant poisoning is
 probable. Administer Vitamin K1 as in the case of
 hemorrhage caused by overdose of bishydroxycoumarin.
 Should be repeated over a period of minimum two to
 three weeks.
 INGESTION: Do NOT induce vomiting. Drink two glasses of
 water and contact physician or Poison Control Center.
 Do not give anything by mouth to an unconscious person.
 *Monitor prothrombin times for minimum of 5-7 days.
 Intravenous and oral administration of Vitamin K1
 should be given if lab results indicate an effect on
 blood clotting time. One ounce of product ingested may
 affect prothrombin times. Chronic ingestion over
 several days would require less product to impact on
 the clotting ability of the blood. If administration of
 Vitamin K1 is initiated on a daily basis, continue to
 monitor clotting times for a period of 30 days, since
 clotting times may drop to normal for short periods
 then increase again. This product does have a prolonged
 anticoagulant action which may persist for up to
 45 days.
 *GET MEDICAL ASSISTANCE - Community hospital, physician,
 or Poison Control Center. Get medical help for further
 treatment, observation, and support after first aid if
 required.

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SECTION VII - PRECAUTIONS FOR SAFE HANDLING & USE

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:

Notify safety personnel of large spill or leaks. Limit access to the spill area to necessary personnel only. Remove broken or leaking containers to a safe place, if feasible. Those involved in the cleanup need protection against contact with pellets. Scoop up pellets. Wipe up any remaining dust with damp absorbent tissues while wearing gloves. Dispose of water or tissues as stated below.

WASTE DISPOSAL METHOD: Place waste in a suitable container for disposal on site or at an approved waste disposal facility or by incineration if approved by state, federal and local regulations. Follow all local, state and federal regulations.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:

HAZARD LABEL INFORMATION: Wash thoroughly after handling

Do not get in eyes
 Do not get on skin or clothing
 Do not contaminate feed or foodstuff
 Always use protective gloves, clothing and respirator when handling, using, or cleaning up this product. Store in original container in a cool, dry place inaccessible to children, pets, and wildlife. Avoid skin contact. Do not inhale dust. Do not take internally. Do not contaminate water, food or animal feed by storage or disposal.

OTHER PRECAUTIONS: KEEP OUT OF REACH OF CHILDREN

SECTION VIII - CONTROL MEASURES

PROTECTIVE EQUIPMENT SUMMARY - HAZARD LABEL INFORMATION:

RESPIRATORY PROTECTION (SPECIFY TYPE): None required

VENTILATION:

LOCAL EXHAUST: As needed for control measures

MECHANICAL (GENERAL):

SPECIAL:

OTHER:

PROTECTIVE GLOVES: Impervious gloves

EYE PROTECTION: Safety glasses

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: Coveralls

WORK/HYGIENIC/MAINTENANCE PRACTICES: Wash hands before eating, smoking, or using restroom.

SECTION IX - ADDITIONAL COMMENTS

This product is toxic to fish and wildlife. Keep out of lakes, streams and ponds.

IMPORTANT: The information and data herein are believed to be accurate and have been compiled from sources believed to be reliable. It is offered for your consideration, investigation and verification.

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COMPAS Code: 12542320