



12 South Center Street  
Bensenville, IL 60106

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[www.bensenville.il.us](http://www.bensenville.il.us)

**VILLAGE BOARD**

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Evon K. Summers

August 29, 2024

Mr. Christopher McCullough  
829 Brentwood Drive  
Bensenville, Illinois 60106

Re: August 26, 2024 FOIA Request

Dear Mr. McCullough:

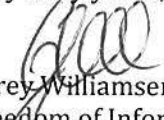
I am pleased to help you with your August 26, 2024 Freedom of Information Act ("FOIA"). The Village of Bensenville received your request on August 26, 2024. You requested copies of the items indicated below:

*"I hope all is well. I visited Public Works and the Community and Economic Development counter in Village Hall earlier today to ascertain copies of the Safety Data Sheets and/or Material Data Sheets for all pesticides and chemicals that are utilized in the Village of Bensenville Municipal Integrated Pest Management Plan."*

Enclosed are the records found responsive to your request. No redactions have been made.

Do not hesitate to contact me if you have any questions or concerns in connection with this response.

Very truly yours,

  
Corey Williamsen  
Freedom of Information Officer  
Village of Bensenville

ALL-WEATHER  
**BLOX™**



**FINAL®**  
**ALL-WEATHER BLOX™**

NET WT:  
**18 lbs** (8.2 kg)

**KILLS RATS & MICE**

***Kills Warfarin Resistant Norway Rats And House Mice***

**Moisture Resistant • Mold Resistant**

ACTIVE INGREDIENT:

Brodifacoum (CAS #56073-10-0): ..... 0.005%

OTHER INGREDIENTS\*: ..... 99.995%

\*Contains Denatonium Benzoate      TOTAL      100.000%

**KEEP OUT OF REACH OF CHILDREN**  
**CAUTION**

See back panels for First Aid and additional precautionary statements.

FIRST AID HAVE LABEL WITH YOU WHEN OBTAINING TREATMENT ADVICE	
If Swallowed	<ul style="list-style-type: none"><li>• Call a poison control center, doctor, or 1-877-854-2494 immediately for treatment advice.</li><li>• Have a person sip a glass of water if able to swallow.</li><li>• Do not induce vomiting unless told to do so by the poison control center or doctor.</li></ul>
If On Skin	<ul style="list-style-type: none"><li>• Take off contaminated clothing.</li><li>• Rinse skin immediately with plenty of water for 15–20 minutes.</li><li>• Call a poison control center, doctor for treatment advice.</li></ul>
If in Eyes	<ul style="list-style-type: none"><li>• Hold eye open and rinse slowly and gently with water for 15–20 minutes.</li><li>• Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.</li><li>• Call a poison control center, doctor, or 1-877-854-2494 immediately for treatment advice.</li></ul>

NOTE TO PHYSICIAN
If swallowed, this material may reduce the clotting ability of the blood and cause bleeding. If ingested, administer Vitamin K <sub>1</sub> intramuscularly or orally. Vitamin K <sub>1</sub> is antidotal at doses of 10–20 mg (not mg/kg). Repeat as necessary based on monitoring of prothrombin times.

TREATMENT FOR PET POISONING
If animal eats bait, call veterinarian or 1-877-854-2494 at once.
NOTE TO VETERINARIAN
<b>Anticoagulant Brodifacoum:</b> For animals ingesting bait and/or showing poisoning signs (bleeding or elevated prothrombin times), give Vitamin K <sub>1</sub> at doses of 2–5 mg/kg. If needed, check prothrombin times every 3 days until values return to normal (up to 30 days). In severe cases, blood transfusions may be needed.

**DIRECTIONS FOR USE**  
It is a violation of Federal law to use this product in a manner inconsistent with its labeling.  
**READ THIS LABEL:** Read this entire label and follow all use directions and use precautions. Use only for the sites, pests, and application methods described on this label.

**IMPORTANT:** Do not expose children, pets, or nontarget animals to rodenticides. To help to prevent exposure:

1. Store unused product out of reach of children and pets.
2. Apply bait in locations out of reach of children, pets, domestic animals and nontarget wildlife, or in tamper-resistant bait stations. These stations must be resistant to destruction by dogs and by children under six years of age, and must be used in a manner that prevents such children from reaching into bait compartments and obtaining bait. If bait can be shaken from bait stations when they are lifted, units must be secured or otherwise immobilized. Stronger bait stations are needed in areas open to hoofed livestock, raccoons, bears, or other potentially destructive animals, or in areas prone to vandalism.
3. Dispose of product container and unused, spoiled, or unconsumed bait as specified on this label.

**Note:** Bait stations are mandatory for outdoor, above-ground use. Tamper-resistant bait stations must be used if children, pets, non-target mammals, or birds may access the bait.

**USE RESTRICTIONS:** This product can only be used to control Norway rats, roof rats and house mice in and within 100 feet of man-made structures constructed in a manner so as to be vulnerable to commensal rodent invasions and/or to harboring or attracting rodent infestations. Examples of such structures include homes and other permanent or temporary residences, food processing facilities, industrial and commercial buildings, trash receptacles, agricultural and public buildings, transport vehicles (ships, trains, aircraft), docks and port of terminal buildings and related structures around and associated with these sites. Fence and perimeter baiting, beyond 100 feet from a structure as defined above, is prohibited. This product must not be applied directly to food or feed crops.



**Kills Warfarin Resistant Norway Rats And House Mice**

**Moisture Resistant • Mold Resistant**

Norway rats, roof rats, and house mice may consume a lethal dose in one night's feeding with first dead rodents appearing four or five days after feeding begins.

ACTIVE INGREDIENT:		
Brodifacoum (CAS #56073-10-0):	0.005%	
OTHER INGREDIENTS*:	99.995%	
*Contains Denatonium Benzoate	TOTAL	100.000%

**KEEP OUT OF REACH OF CHILDREN  
CAUTION**

See side panels for First Aid and additional precautionary statements.

**STORAGE AND DISPOSAL**

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.  
**Pesticide Disposal:** Dispose of wastes resulting from the use of this product in trash or at an approved waste disposal facility.  
**Container Handling:** Nonrefillable container. Do not reuse or refill this container. [Plastic:] Offer for recycling or reconditioning; or puncture and dispose of in a sanitary landfill; or by incineration. In most states, burning is not allowed.

**WARRANTY:** To the extent consistent with applicable law, seller makes no warranty, expressed or implied, concerning the use of this product other than indicated on the label. Buyer assumes all risk of use and/or handling of this material when such use and/or handling is contrary to label instructions.

**NET WEIGHT: 18 lbs (8.2 kg)**

EPA REG. NO.: 12455-89      Manufactured by:      EPA EST. NO.: 12455-WI-1



**DIRECTIONS FOR USE** (Continued from other panel)

Burrow baiting with Final All-Weather Blox is prohibited.

This product may also be used in alleys and sewers. Do not place near or inside ventilation duct openings. Do not contaminate water, food, feedstuffs, food or feed handling equipment, or milk or meat handling equipment or surfaces that come into direct contact with food. Do not broadcast bait. When used in USDA inspected facilities, this product must be applied in tamper-resistant bait stations.

Do not sell this product in individual containers holding less than 16 pounds of bait.

**SELECTION OF TREATMENT AREAS:** Determine areas where rats or mice will most likely find and consume the bait. Generally, these areas are along walls, by gnawed openings, in corners and concealed places, between floors and walls, or in locations where rats or mice or their signs have been seen. Protect bait from rain and snow. Remove as much alternative food as possible.

**APPLICATION DIRECTIONS:**

**RATS:** Place 5 to 22 blocks (at intervals of 15 to 30 feet) per placement in infested areas. Maintain an uninterrupted supply of fresh bait for at least 10 days or until signs of rat activity cease.

For use in sewers, thread wire through block and securely attach to a stationary structure such as the bottom step of a manhole ladder or a sewer grate. Allow just enough wire for the block to rest on manhole benching. If benching is not present, suspend block a few inches above the high water mark or secure block on a board supported by opposing steps of the ladder. Securing block in this manner will prevent removal by rats or water. Use at least 15 blocks per manhole. Maintain an uninterrupted supply of fresh bait for at least 10 days or until signs of rat activity cease.

**MICE:** Place 1 block per placement. Space placements at 8 to 12 foot intervals in infested areas. Two blocks may be needed at points of very high mouse activity. Maintain an uninterrupted supply of fresh bait for at least 15 days or until signs of mouse activity cease.

**FOLLOW-UP:** Replace contaminated or spoiled bait immediately. Wearing gloves, collect and dispose of all dead, exposed animals and leftover bait. To prevent reinfestation, limit sources of rodent food, water, and harborage as much as possible. If reinfestation does occur, repeat treatment. Where a continuous source of infestation is present, establish permanent bait stations and replenish as needed.

**PRECAUTIONARY STATEMENTS**

**Hazards to Humans and Domestic Animals**  
**CAUTION:** Harmful if swallowed. Causes moderate eye irritation. Keep away from children, domestic animals and pets. Do not get in eyes or on clothing.  
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 gloves.

User Safety Requirements
Follow manufacturer's instruction for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry. Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash hands thoroughly after applying bait and before eating, drinking, chewing gum, using tobacco or using the toilet and change into clean clothing.

**ENVIRONMENTAL HAZARDS**

This product is extremely 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. This pesticide is toxic to fish. 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.

# FINAL<sup>®</sup> All-Weather Blox MSDS

<b>MANUFACTURER'S ADDRESS:</b> BELL LABORATORIES, INC. 3699 Kinsman Blvd, Madison, WI 53704		<b>PREPARED BY:</b>  PSM/CAR	<b>TELEPHONE NO:</b>  (608) 241-0202	<b>EMERGENCY PHONE NOS:</b> <b>Medical</b> (877) 854-2494 <b>Transportation (Spills)</b> (800) 424-9300 CHEMTREC
<b>PRODUCT NAME: FINAL® All-Weather Blox</b>				<b>EPA REGISTRATION NO:</b> 12455-89
<b>USE:</b>  Anticoagulant Rodenticide		<b>BAIT FORM:</b>  Formulated Dry Bait		
<b>SECTION I. HAZARDOUS INGREDIENTS</b>				
<b>INGREDIENT NAME</b>			<b>% BY WEIGHT</b>	<b>CURRENT TLV</b>
<b>Brodifacoum</b> [3-[3-(4'-Bromo-[1,1'-biphenyl]-4-yl)-1,2,3,4-tetrahydro-1-naphthalenyl]-4-hydroxy-2H-1-benzopyran-2-one] CAS No. 56073-10-0			0.005 %	N/A
This product contains no components subject to the reporting requirements of Section 313 of the Superfund Amendment and Reauthorization Act (SARA) of 1986				
<b>SECTION II. PHYSICAL DATA</b>				
<b>APPEARANCE:</b> Polygonal Block	<b>COLOR:</b> Red	<b>ODOR:</b> Sweet, grain-like	<b>SPECIFIC GRAVITY:</b> 1.12 g/ml	
<b>VAPOR DENSITY:</b> N/A	<b>MELTING POINT:</b> N/A	<b>WATER REACTIVITY:</b> N/A	<b>EVAPORATION RATE:</b> N/A	
<b>VAPOR PRESSURE:</b> N/A	<b>BOILING POINT:</b> N/A	<b>SOLUBILITY:</b> Not soluble in water	<b>BULK DENSITY:</b> N/A	
<b>SECTION III. FIRE AND EXPLOSION DATA</b>				
<b>FLASH POINT (Method Used):</b> N/A		<b>FLAMMABLE LIMIT:</b> Upper limit: N/A Lower Limit: N/A		<b>AUTOIGNITION TEMP:</b> N/A
<b>EXTINGUISHING MEDIA:</b> Extinguish with water, foam or inert gas.				
<b>SPECIAL FIREFIGHTING PROCEDURES:</b> Firefighters should be equipped with protective clothing and self-contained breathing apparatus.				
<b>UNUSUAL FIRE OR EXPLOSION HAZARDS:</b> None				
<b>SECTION IV. REACTIVITY HAZARD DATA</b>				
<b>STABILITY:</b> Stable		<b>CONDITIONS TO AVOID:</b> None		
<b>POLYMERIZATION:</b> Will not occur		<b>CONDITIONS TO AVOID:</b> None		
<b>INCOMPATIBILITY (MATERIALS TO AVOID):</b> Strongly alkaline materials			<b>HAZARDOUS DECOMPOSITION PRODUCTS:</b> Oxides of carbon	
<b>SECTION V. TOXICITY DATA</b>				
<b>LD50, ORAL (INGESTION):</b> >5000 mg/kg (rats)		<b>LD50, DERMAL (SKIN CONTACT):</b> > 5001 mg/kg (rats)		<b>LC50, INHALATION:</b> N/A
<b>EYE IRRITATION:</b> None (rabbits)		<b>SKIN IRRITATION:</b> None (rabbits)		<b>DERMAL SENSITIZATION:</b> Not considered a Sensitizer

# FINAL<sup>®</sup> All-Weather Blox MSDS

## SECTION VI. HEALTH HAZARDS

**PRIMARY ROUTE OF ENTRY:**

Ingestion

**SIGNS & SYMPTOMS OF EXPOSURE:**

Nausea, vomiting, loss of appetite, extreme thirst, lethargy, diarrhea, bleeding.

**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 or emergency phone number immediately. Do not give anything by mouth or induce vomiting unless instructed by physician.**Inhalation:** None.**NOTE TO PHYSICIAN:**If ingested, administer Vitamin K<sub>1</sub> intramuscularly or orally as indicated by bishydroxycoumarin overdoses. Repeat as necessary as based upon monitoring of prothrombin times.

## SECTION VII. CONTROL AND PROTECTIVE MEASURES

**RESPIRATOR TYPE:**

Not required

**EYE PROTECTION:**

Not required

**GLOVES (Recommended):**

Rubber Gloves

**VENTILATION:**

Not required

**OTHER PROTECTIVE MEASURES:**

Not required

**NATIONAL FIRE PROTECTION ASSOCIATION (NFPA) RATINGS:****HEALTH:** 1 (Caution)**FIRE:** 0 (Will not burn)**REACTIVITY:** 0 (Stable)**SPECIFIC HAZARD:** None**HAZARDOUS MATERIALS IDENTIFICATION SYSTEM (HMIS) RATINGS:****HEALTH:** 2 (Moderate)**FLAMMABILITY:** 0 (Minimal)**REACTIVITY:** 0 (Minimal)**PROTECTIVE EQUIPMENT:** B

## SECTION VIII. SPILL OR LEAK PROCEDURES

**STEPS TO BE TAKEN IN THE EVENT MATERIAL IS RELEASED OR SPILLED:**

Sweep up spilled material, place in properly labeled container for disposal or re-use.

**WASTE DISPOSAL METHOD:**

Wastes resulting from use may be disposed of on-site or at an approved waste disposal facility. Dispose of all wastes in accordance with all Federal, state and local regulations.

## SECTION IX. SPECIAL PRECAUTIONS AND STORAGE DATA

**STORAGE TEMPERATURE:**

Room temperature

**AVERAGE SHELF LIFE:**

Bait is stable for a minimum of 1 year when stored at room temperature.

**SPECIAL SENSITIVITY (HEAT, LIGHT, MOISTURE):**

Avoid exposure to light and extreme humidity.

**PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:**

Store in a cool, dry place inaccessible to children, pets and wildlife. Keep container tightly closed when not in use. Avoid contamination of lakes, streams and ponds by use, storage or disposal. Wash thoroughly with soap and water after handling.

## SECTION X. SHIPPING DATA

**DOT SHIPPING NAME:**

None required

**DOT HAZARD CLASSIFICATION:**

Non-hazardous

**DOT LABELS REQUIRED:**

None required

**FREIGHT CLASSIFICATION:**

LTL Class 60

**WARRANTY:** The information provided in this Material Safety Data Sheet has been obtained from sources believed to be reliable. Bell Laboratories, Inc. provides no warranties, either expressed or implied, and assumes no responsibility for the accuracy or completeness of the data contained herein. This information is offered for your consideration and investigation. The user is responsible to ensure that they have all current data relevant to their particular use.

**PRECAUTIONARY STATEMENTS**  
**Hazard to Humans and Domestic Animals**

**CAUTION:** Harmful if swallowed or absorbed through the skin. Causes moderate eye irritation. Avoid contact with eyes, skin or clothing. Keep away from children, domestic animals and pets. All handlers (including applicators) must wear long-sleeved shirt, long pants, shoes, socks, and waterproof gloves. Any person who retrieves carcasses or unused bait following application of this product must wear waterproof gloves.

**User Safety Requirements:** Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry. Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash hands thoroughly after applying bait and before eating, drinking, chewing gum, using tobacco or using the toilet, and change into clean clothing.

**FIRST AID:** Have this label with you when obtaining treatment advice.

**If swallowed:** Call a poison control center or doctor immediately for treatment advice. Have 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 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. Call a poison control center or doctor immediately for treatment advice.

**If on skin or clothing:** Take off contaminated clothing. Rinse skin with plenty of cool water for 15-20 minutes. Call a poison control center or doctor immediately for treatment advice.

**TREATMENT FOR PET POISONING:** If animal eats bait, call veterinarian at once.

**NOTE TO PHYSICIAN OR VETERINARIAN:** Contains the anticoagulant difethialone. If swallowed, this material may reduce the clotting ability of blood and cause bleeding. For humans or animals ingesting bait and/or showing obvious poisoning symptoms (bleeding or prolonged prothrombin times), give Vitamin K1 intramuscularly or orally. Also for pets, if needed, check prothrombin time every 3 days until values return to normal (up to 30 days). In severe cases, blood transfusions may be needed.

**ENVIRONMENTAL HAZARDS:** This product is extremely 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. Do not contaminate water when disposing of equipment wash water or rinsate.

**STORAGE AND DISPOSAL**

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

**Pesticide Storage:** Store in original container in a cool, dry place inaccessible to children and pets.

**Pesticide Disposal:** Wastes resulting from the use of this product may be disposed of in trash or at an approved waste disposal facility.

**Container Handling:** Nonrefillable container. Do not reuse or refill this container. Completely empty container, then offer for recycling or reconditioning; or puncture and dispose of in a sanitary landfill.

**WARRANTY:** To the extent consistent with applicable law, seller makes no warranty, expressed or implied, concerning the use of this product other than indicated on the label. Buyer assumes all risk of use and/or handling of this material when such use and/or handling is contrary to label instructions.

EPA Reg. No. 7173-258  
EPA Est. No. 7173-WI-1



**SOFT BAIT**

**FOR INDOOR AND OUTDOOR USE**

**KILLS NORWAY RATS, ROOF RATS, HOUSE MICE  
AND WARFARIN-RESISTANT HOUSE MICE**

**NORWAY RATS AND HOUSE MICE MAY CONSUME  
A LETHAL DOSE IN ONE NIGHT'S FEEDING  
WITH FIRST DEAD RODENTS APPEARING  
FOUR OR FIVE DAYS AFTER FEEDING BEGINS**

Active Ingredient: difethialone .....	0.0025%
Inert Ingredients .....	99.9975%
Total .....	100.0000%

**KEEP OUT OF REACH OF CHILDREN**  
**CAUTION** See side panel for additional precautionary statements.

**DIRECTIONS FOR USE**

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

**READ THIS LABEL** and follow all use directions and precautions. Use only for the sites, pests, and application methods described on this label.

**IMPORTANT:** Do not expose children, pets or other nontarget animals to rodenticides. To help prevent accidents:

1. Store product not in use in a location out of reach of children and pets.
2. Apply bait in locations out of reach of children, pets, domestic animals, and nontarget wildlife, or in tamper-resistant bait stations. These stations must be resistant to destruction by dogs and children under six years of age, and must be used in a manner that prevents such children from reaching into bait compartments and obtaining bait. If bait can be shaken from stations when they are lifted, units must be secured or otherwise immobilized. Even stronger bait stations are needed in areas open to hoofed livestock, raccoons, bears, other potentially destructive animals, or in areas prone to vandalism.
3. Dispose of product container, unused, spoiled, and unconsumed bait as specified on this label.

**Note:** Bait stations are mandatory for outdoor, above-ground use. Tamper-resistant bait stations must be used if children, pets, non-target mammals, or birds may access the bait.

**USE RESTRICTIONS:** This product can only be used to control Norway rats, roof rats and house mice in and within 100 feet of man-made structures constructed in a manner so as to vulnerable to commensal rodent invasions and/or to harboring or attracting rodent infestations. Examples of such structures include homes and other permanent or temporary residences, food processing facilities, industrial and commercial buildings, trash receptacles, agricultural and public buildings, transport vehicles (ships, trains, aircraft), docks and port or terminal buildings, and related structures around and associated with these sites. Fence and perimeter baiting beyond 100 feet from a structure, as defined above, is prohibited. Do not sell this product in individual containers holding less than 16 pounds of bait. Do not place near or inside ventilation duct openings. Do not contaminate water, food, feedstuffs, food or feed handling equipment, or milk or meat handling equipment. Do not apply directly to food or feed crops. Do not broadcast bait.

Burrow baiting with this product is prohibited.

**Selection of Treatment Areas:** Determine areas where rats and/or house mice will most likely find and consume bait. Generally, these are along walls, by gnawed openings, in corners and concealed places, between floors or walls, beside burrows, or in locations where rats and/or house mice or their signs have been observed. Remove as much alternative food as possible.

**APPLICATION DIRECTIONS: House Mice:** Apply 1 pouch per placement, usually spaced 8 to 12 feet apart. Up to 4 pouches may be needed at points of very high house mouse activity. Maintain a constant supply of fresh bait for 15 days or until signs of house mouse activity cease.

**Rats:** Apply 9 to 43 pouches per placement, usually spaced 15 to 30 feet apart. Maintain a constant supply of fresh bait for 10 days or until signs of rat activity cease.

**Follow-up:** Replace contaminated or spoiled bait immediately. Wearing waterproof gloves, collect and dispose of all visible dead animals and leftover bait, as well as any bait that has become accessible to non-target animals. To discourage reinfestation, limit sources of rodent food, water and harborage as much as possible. If reinfestation does occur, repeat treatment. For a continuous infestation, set up permanent bait stations and replenish bait as needed.

(110512)

**LIPHATECH®**

Liphatech, Inc.  
3600 W. Elm Street  
Milwaukee, WI 53209  
(800) 351-1476



# MATERIAL SAFETY DATA SHEET

## SECTION 1 PRODUCT & COMPANY IDENTIFICATION

### FirstStrike™ Soft Bait

EPA Reg. No. 7173-258

**Other Designation:** Anticoagulant rodenticide with Difethialone

**Manufacturer:** Liphatech, Inc.  
3600 W. Elm Street, Milwaukee, WI 53209

**Emergency Phone:** 414-351-1476 Monday-Friday, 8:00 am-4:30 pm CST

**After Hours:** Call CHEMTREC at 1-800-424-9300

## SECTION 2 INGREDIENT INFORMATION

Hazardous Ingredient:	CAS Number:	OSHA PEL:	ACGIH TLV:	ACGIH STEL:
Difethialone	104653-34-1	Not assigned	Not assigned	Not assigned

## SECTION 3 HAZARDS IDENTIFICATION

**Emergency Overview:** May be harmful if swallowed or absorbed through the skin, because this material may reduce the clotting ability of the blood and cause bleeding.

**Primary Entry Routes:** Oral (swallowing), dermal (absorption through skin)

**Acute Effects (Signs and Symptoms of Overexposure):**

- **Eyes:** May cause temporary eye irritation.

- **Skin:** May be harmful if absorbed through skin. Symptoms of toxicity include lethargy, loss of appetite, reduced blood clotting ability and bleeding.

- **Inhalation:** Due to this product's solid form, inhalation is unlikely.

- **Ingestion:** May be harmful if swallowed. Symptoms of toxicity include lethargy, loss of appetite, reduced clotting ability of blood, and bleeding.

**Chronic Effects:** Prolonged and/or repeated exposure to small amounts of product can produce cumulative toxicity. Symptoms of toxicity include lethargy, loss of appetite, reduced clotting ability of blood, and bleeding.

**Medical Conditions Aggravated by Exposure:** Bleeding disorders

**Target Organs:** Blood

**Carcinogenicity:** Contains no known or suspected carcinogens.

**HMIS:** Health – 2, Flammability – 0, Reactivity – 0

## SECTION 4 FIRST AID MEASURES

**Eyes:** Flush with water. Get medical attention if irritation persists.

**Skin:** Wash with soap and water. Get medical attention if irritation persists.

**Inhalation:** If inhaled, remove person to fresh air and Get medical attention.

**Ingestion:** Call a physician or poison control center immediately. Have the product label available for medical personnel to read.

Induce vomiting under the direction of medical personnel. Drink 1 or 2 glasses of water and induce vomiting by touching the back of throat with finger. If syrup of ipecac is available, give 1 tablespoon (15 ml) followed by 1 or 2 glasses of water. If vomiting does not occur within 20 minutes, repeat this dosage once. Do not induce vomiting or give anything by mouth to an unconscious person.

**Note to Physician:** This rodenticide contains an anticoagulant ingredient. If ingested, administer vitamin K<sub>1</sub> intramuscularly or orally, as indicated in bishydroxycoumarin overdoses. Repeat as necessary based on monitoring of prothrombin times.

For information on this pesticide product (including health concerns, medical emergencies, or pesticide incidents) call the National Pesticide Information Center at 1-800-858-7378.

## SECTION 5 FIRE FIGHTING MEASURES

<b>Flash Point:</b>	None
<b>Autoignition Temp.:</b>	Not determined
<b>Explosive Limits:</b>	LEL: Not applicable UEL: Not applicable
<b>Extinguishing Media:</b>	Use media suitable for the surrounding fire
<b>Unusual Fire or Explosion Hazards:</b>	None known
<b>Fire Fighting Instructions:</b>	Firefighters should wear self-contained breathing apparatus (full facepiece) and full protective clothing. Contain runoff to prevent pollution.



## SECTION 6 ACCIDENTAL RELEASE MEASURES

**Large Spill/Leak Procedures:** Isolate and contain spill. Limit access to the spill area to necessary personnel. Do not allow spilled material to enter sewers, streams or other waters. Scoop up spilled material and place in a closed, labeled container for use or disposal.

**Small Spills:** Scoop up material for use according to label instructions.

## SECTION 7 STORAGE AND HANDLING

**Storage Requirements:** Store in original container in a cool, dry area out of reach of children, pets and domestic animals. Do not contaminate water, food or feed. Keep container tightly closed. Do not remove or destroy the product label.

**Handling Precautions:** Read the entire product label before using this rodenticide. Carefully follow all cautions, directions and use restrictions on the label. Avoid contact with eyes, skin or clothing.

## SECTION 8 EXPOSURE CONTROLS/ PERSONAL PROTECTION

**Ventilation:** Special ventilation is not required for the normal handling and use of this product when following the label instructions.

**Protective Clothing/Equipment:** None required for normal handling.

**Respirator:** None required when used according to label instructions.

**Contaminated Equipment:** Damaged or unwanted bait stations and bait holders should be wrapped in paper and discarded in trash.

**Comments:** Never eat, drink or smoke in work areas. Practice good personal hygiene after using this product. Wash arms, hands and face with soap and water after handling this product, and before eating and smoking. Launder contaminated clothing separate from street clothes.

## SECTION 9 PHYSICAL & CHEMICAL PROPERTIES

<b>Physical State:</b>	Paste	<b>Water Solubility:</b>	Negligible
<b>Color:</b>	Blue	<b>% Volatile (Volume):</b>	Not applicable
<b>Odor:</b>	Raw grain odor	<b>Specific Gravity:</b>	1.14 g/cc
<b>Melting Point:</b>	Not available	<b>Vapor Pressure:</b>	Not applicable
<b>Boiling Point:</b>	Not applicable	<b>Vapor Density:</b>	Not applicable
<b>Freezing Point:</b>	Not applicable	<b>pH:</b>	Not applicable

## SECTION 10 STABILITY AND REACTIVITY

**Stability:** Stable

**Conditions to Avoid:** None

**Hazardous Polymerization:** Will not occur

**Chemical Incompatibilities:** Alkaline materials

**Hazardous Products of Decomposition:** Oxides of carbon

## SECTION 11 TOXICOLOGICAL INFORMATION

<b>Eye Effects/Eye Irritation:</b>	Mild, transient irritant
<b>Acute Oral Effects:</b>	LD <sub>50</sub> (oral-rat): >2000 mg/kg
<b>Acute Inhalation Effects:</b>	Not applicable
<b>Acute Dermal Effects:</b>	LD <sub>50</sub> (dermal-rabbit): >2000 mg/kg
<b>Skin Irritation:</b>	Non-irritating
<b>Skin Sensitization:</b>	Not a skin sensitizer

## SECTION 12 ECOLOGICAL INFORMATION

This product is toxic to fish and wildlife. Do not apply this product directly to water, where surface water is present or to intertidal areas below the mean high water mark. Carefully follow label cautions and instructions to reduce hazards to children, pets and non-target wildlife.

## SECTION 13 DISPOSAL CONSIDERATIONS

**Disposal:** Wastes resulting from the use of this product according to the label instructions must be disposed of as specified on the product label.

**RCRA Waste Status:** This product is not regulated as a hazardous waste under RCRA. State and local regulation may affect the disposal of this product. Consult your state or local environmental agency for disposal of waste generated other than by use according to label instructions.

## SECTION 14 TRANSPORT INFORMATION

**Transportation Data (49 CFR):** This product is not regulated as a hazardous material for all modes of transportation within the U.S.

**Hazard Class:** Not applicable **ID No.:** Not applicable

## SECTION 15 REGULATORY INFORMATION

**TSCA:** All components of this product are listed on the TSCA inventory.

**SARA Section 313:** Contains no reportable components.

**OSHA Hazard Classification:** Chronic health hazard.

**Proposition 65:** Contains no components subject to warning requirement.

## SECTION 16 OTHER INFORMATION

**Prepared by:** T. Schmit

**Date:** 5/12/2011

Information presented on this Material Safety Data Sheet is believed to be accurate at the time of publication. No warranty, expressed or implied, is made with regard to this information. This information may not be adequate for every application, and the user must determine the suitability of this information due to the manner/conditions of use, storage or local regulation.