

**Jaguar ® BLOX****SAFETY DATA SHEET****(1) IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY**

**Name:** Jaguar® All-Weather Bait Chunx

**Supplier:** DuPont de Nemours International Société Anonyme  
South African Branch Office  
DuPont Animal Health Solutions  
4<sup>th</sup> Floor, Outspan House, 1006 Lenchen Ave North.  
Centurion, Pretoria 0046  
PO Box 3332  
Halfway House 1685  
Republic of South Africa

**Tel:** 0860 104 893  
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**24 HOUR EMERGENCY TELEPHONE NUMBERS: 083 297 0564****(2) COMPOSITION/INFORMATION ON INGREDIENTS**

**Composition:** **Brodifacoum** in a red, grain based wax block, containing flavours and palatability enhancers.

<u>Chemical</u>	<u>% Concentration</u>	<u>Classification</u>	<u>CAS</u>	<u>Exposure</u>
Brodifacoum	0.005	Non-hazardous	56073-10-0	N/A

**(3) HAZARDS IDENTIFICATION**

Grains may be irritating to the eyes.  
Primary route of entry: Ingestion  
Symptoms of exposure are nausea, vomiting, loss of appetite, extreme thirst, lethargy, diarrhea, bleeding. Call a doctor immediately.

**(4) FIRST AID MEASURES**

<u>Exposure Route</u>	<u>Symptom</u>	<u>Treatment</u>
<b>INHALATION</b>	None	None
<b>SKIN CONTACT</b>	None	Wash with soap and water. If irritation develops obtain medical assistance.
<b>EYE CONTACT</b>	Irritation	Flush with plenty of water, if irritation develops, obtain medical assistance. Note to Physician:
<b>INGESTION</b>	May reduce clotting ability of blood and cause bleeding.	Administer vitamin K <sub>1</sub> , intramuscularly or orally as indicated by bishydroxycoumarin overdoses. Repeat as necessary based on monitoring of prothrombin times.



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**(5) FIRE-FIGHTING MEASURES**

**Suitable Extinguisher:** WATER, FOAM OR INERT GAS.

**Special Precautions:** None - there are no unusual fire or explosion hazards (product is not flammable), but in case of fire Firefighters should be equipped with Protective clothing and self-contained breathing apparatus

**Special Protective Equipment:** None.

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**(6) ACCIDENTAL RELEASE PROCEDURES**

**Personal Precautions:** Protective equipment as specified in Section 8.

**Environmental Precautions:** Avoid entry to watercourses.

**Methods for Cleaning Up:** Sweep up carefully and place in suitable container awaiting disposal.

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**(7) HANDLING AND STORING**

**Precautions During Handling:** Protective clothing as specified in Section 8.

**Storage:** Store in original container, tightly closed at room temperature.

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**(8) EXPOSURE CONTROL/PERSONAL PROTECTION**

**Engineering Measures:** None.

**Control Parameters:** None specified.

**Personal Protection**

**Respiratory:** None.

**Hand:** Rubber gloves [recommended]

**Eye:** None.

**Skin:** Overalls.

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**Appearance/**

**Flash Point**  
(°C):

**Solubility:** Not soluble in water

**Stability:** Stable.

**Conditions to Avoid:** Contamination.

**Hazardous Decomposition Products:** None.

## ANIMAL DATA

**Acute oral toxicity (as 100% LD<sub>50</sub> 5000 mg / kg ingestion ( rats )**

<b><u>active ingredient):</u></b>	<b>Dermal toxicity (rabbit</b>
<b><u>as 1% active ingredient):</u></b>	<b>LD<sub>50</sub> 5002 mg / kg ( rats )</b>

<b>Skin irritation (Rabbit, as 1% active ingredient):</b>	Not considered to be an irritant ( rabbits )
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**(12) ECOLOGICAL INFORMATION**

**Persistence and Degradability:** degradable

<b>Aquatic Toxicity</b>	<b>96 hour LC50 - Rainbow Trout : 1.4 mg / l</b>
<b>(as 100%</b>	<b>96 hour LC50 - Bluegill Sunfish : 3.0 mg / l</b>
<b>Active Ingredient:</b>	<b>48 hour LC50 - Daphnia Waterflea : 0.34 mg / l</b>

**(13) DISPOSAL CONSIDERATIONS****Disposal of**

**Product:** Dispose in-site or at an approved waster disposal facility. Dispose of all waste in accordance with the Environmental Protection (Duty of Care) Regulations 1990.

**Disposal of**

**Packaging:** Puncture buckets before disposal. Dispose of in compliance with the Environmental Protection (Duty of Care) Regulations 1990.

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**(14) TRANSPORT INFORMATION**

**U.N. Number:** Not assigned.

**Sea Transport:** Non-hazardous.

**Road Transport:** Non-hazardous.

**Correct Shipping**

**Name:** Rodenticide containing Brodifacoum

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**(15) REGULATORY INFORMATION**

**Legislation:** The product is approved under the Control of Pesticides Regulations 1986 for use as a rodenticide. (MAFF Approval Number 08261 - Blox). and Act 36 of 1947 in South Africa as an Agricultural remedy, Reg no. L8259

**Symbol:** None.

**R-Phrases:** None assigned.

**S-Phrases:** None assigned.

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**(16) OTHER INFORMATION**

**Uses:** Rodenticide for control of rats and mice.

**Further Product**

**Information:** Consult Pack label-also [www.belllabs.com](http://www.belllabs.com)

The customer should satisfy themselves that the product is suitable for the intended purpose, and that a suitable and sufficient assessment of any risks by any activity using this product is undertaken before use.

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The above information is based upon our current state of knowledge of the product at the time of publication. The data is given in good faith and is designed only as guidance to users of possible risks, and therefore does not constitute a guarantee of product quality or performance.

**Prepared by:** A.Pearson  
**Date:** 17<sup>th</sup> February 2009  
**Ref no:** MSD-R01

#### WARNINGS

- Handle with care.
- Harmful when swallowed or absorbed through the skin.
- A mild eye irritant.
- Toxic to fish and other animals.
- Store in original container in a cool, dry place inaccessible to children and pets and away from food, feedstuffs and other chemicals.
- Keep containers tightly closed when not in use.
- Keep out of reach of children, uninformed persons and animals.
- In case of poisoning, call a doctor and present this label.

Although this remedy has been extensively tested under a large variety of conditions the registration holder does not warrant that it will be efficacious under all conditions because the action and effect thereof may be affected by factors such as abnormal climatic and storage conditions and the occurrence of resistance of the pests against the remedy concerned as well as by the method, time and accuracy of application. The registration holder furthermore does not accept responsibility for damage to the environment or harm to man or animal or for lack of performance of the remedy concerned due to failure of the user to follow the label instructions or to the occurrence of conditions which could not have been foreseen in terms of the registration. Consult the supplier in the event of any uncertainty.

#### PRECAUTIONS

- Avoid contact with skin.
- Wear protective gloves when handling bait.
- After use and in case of accidental skin contact, wash thoroughly with soap and water.
- Do not expose children, pets or non-target animals to rodenticide.
- Store unused product out of reach of children and pets.
- Apply bait in locations out of reach of children, pets, domestic animals and non-target 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 obtain 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 or other potentially destructive animals or in areas prone to vandalism.

- Do not contaminate ground water systems, surface water, ponds, waterways or ditches with rodenticide or its container.
- Destroy empty container by perforation and burn and do not re-use for any other purpose.
- Collect unused, spoiled or unconsumed bait and dead rodents and dispose of in a responsible manner.
- Prevent contamination of food, feedstuffs, eating utensils and drinking water.

#### SYMPTOMS OF POISONING

Nausea, vomiting, loss of appetite, extreme thirst, lethargy, diarrhoea, bleeding from gums and nose, bleeding under the skin, pallor, haemorrhage into and around elbow and knee joints, blood in urine and faeces.

#### FIRST AID TREATMENT

HAVE LABEL WITH YOU WHEN OBTAINING TREATMENT ADVICE

**Eyes** – Rinse eyes with plenty of clean water for at least 15 minutes.

**Skin** – Wash contaminated body area thoroughly with plenty of soap and water.

**Ingestion** – Call a poison control centre 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 centre or doctor.

#### NOTE TO PHYSICIAN

Administer Vitamin K<sub>1</sub> intravenously, 50-150 mg depending on prothrombin time on the first day. In severe cases, small transfusions of fresh blood can be considered.

#### NOTE TO VETERINARIAN

Administer Vitamin K<sub>1</sub> intramuscularly or orally as indicated in bishydroxycoumarin overdoses. Repeat as necessary based on monitoring of prothrombin times.

#### USE RESTRICTIONS

**For control of Norway and roof rats and house mouse:** Do not place bait in areas where there is a possibility of contaminating food or surfaces that come in direct contact with food. This rodenticide must be applied in tamper-resistant bait stations. Do not broadcast bait.



Reg. No. L8259 Act No. 36 of 1947

A ready-for-use bait block for the control of roof and Norway rats and the house mouse in and around industrial, commercial and public buildings, in transport vehicles and in and around human dwellings and agricultural buildings.

**Effective against warfarin resistant Norway rats and house mouse.**

#### ACTIVE INGREDIENT:

Brodifacoum (coumarin anticoagulant). . . . . 0.05 g/kg

**NET MASS 4 kg**

#### Registered to:

MC Pharma (Pty) Ltd  
Co. Reg. No.: 1999/009355/07  
P.O. Box 336  
Wierda Park  
0149

Pretoria, SOUTH AFRICA  
Emergency Tel. No. 012 688 1047

#### Manufactured by:



**Bell Laboratories, Inc.**  
Madison, Wisconsin 53704 U.S.A. • www.belllabs.com

UN number: 3808.99.00



**HARMFUL  
SKADELIK**

**Urban areas:** This rodenticide may be used in and around the periphery of homes, industrial, commercial and public buildings. May also be used in transport vehicles (ships, trains, aircraft) and in and around related port or terminal buildings. May also be used in alleys.

**Non-urban areas:** This rodenticide may only be used in and around homes and agricultural buildings.

#### DIRECTIONS FOR USE: Use only as directed

##### GENERAL:

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

##### 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 or beside burrows, in corners and concealed places, between floors and walls, or in locations where rodents or their signs have been seen. Protect bait from rain, direct sunlight and other extreme climatic conditions. Remove as much alternative food as possible.

##### APPLICATION DIRECTIONS:

**MICE:** Place 1 block per placement. Space placement at 2.5 to 3.5 meter intervals. 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.

**RATS:** Place 5 to 22 blocks (usually at intervals of 4.5 to 9.2 meters) per placement. Maintain an uninterrupted supply of fresh bait for at least 10 days or until signs of rat activity cease.

**FOR USE IN SEWER:** 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 centimeters above the high

water mark of secure block on a board supported by opposing steps of the ladder. Securing the 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.

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

**Each bait block in this container weighs nearly 20 g.**

#### STORAGE AND DISPOSAL

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

**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:** In accordance with local and national regulations. Do not allow material to contaminate ground water system. Do not contaminate surface water.

**Pesticide container:** Do not re-use empty container. Do not contaminate ponds, waterways or ditches with chemical or used container. Destroy empty container by perforation and burn. If burning, stay out of smoke. Never use for any other purpose.

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**Batch No.:**

**Date of manufacture:**

**Expiry date:**

