



# MATERIAL SAFETY DATA SHEET

According to US Regulation ANSI Z400.1-2004

Print date: 29-Sep-2008

## 1. PRODUCT AND COMPANY IDENTIFICATION

**Item Number:** 00307

**MSDS No.:** 19200-00307-04PSDS

**Product Name:** D-CON® BAIT PELLETS II

**Validation/Revision Date:** 29-Sep-2008

**Product Identifier:** EPA Reg. Number 3282-74  
California Reg. Number 3282-74-ZA

**Formula Number:** F/F 356070 using (4-PA-165) item #356068

**UPC Code(s) and Size:** 19200-00021 (20 ct. pouch package)  
19200-00307 (120 ct. pouch package)  
19200-77454 (6 ct. - 1 oz. place packs / throw packs)  
19200-00009 (1 ct.)

**Product Description:** Rodenticide

**Manufacturer:** Reckitt Benckiser Inc.  
Morris Corporate Center IV  
399 Interpace Parkway (P.O. Box 225)  
Parsippany, New Jersey 07054-0225  
Telephone: +1 973 404 2600

**Emergency Telephone Number:** 1-800-228-4722 (U.S.)

**Transportation Emergencies:** 1-800-424-9300 (U.S. & Canada) CHEMTREC  
Outside U.S. and Canada (North America), call Chemtrec:703-527-3887

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**2. COMPOSITION/INFORMATION ON INGREDIENTS**

Chemical Name	Proportion (% w/w)	ACGIH - Occupational Exposure Limits - TWAs	OSHA PEL
BRODIFACOUM 56073-10-0	< 0.01 %	-	-

**3. HAZARDS IDENTIFICATION**

**EMERGENCY OVERVIEW:**

CAUTION: May be harmful or fatal if swallowed.  
This material may reduce the clotting ability of the blood and cause bleeding.  
Wash hands after handling

**KEEP OUT OF REACH OF CHILDREN**

**4. FIRST AID MEASURES**

<b>Inhalation</b>	Move to fresh air
<b>Skin Contact</b>	Wash off immediately with soap and plenty of water. If symptoms persist, call a physician.
<b>Eye Contact</b>	If in eyes, immediately flush eyes thoroughly with water, remove any contact lenses and rinse with plenty of water for at least 15 minutes. Get medical attention immediately if irritation persists.
<b>Ingestion</b>	Call a physician or Poison Control Center immediately Do not induce vomiting without medical advice
<b>Notes to Physician</b>	<p>This product may reduce the clotting ability of the blood and cause hemorrhaging. The anticoagulant action of this product may produce prolonged prothrombin times for 20 to 30 days after exposure. If poisoning occurs, intramuscular and oral administration of Vitamin K1 are indicated, as in poisoning from overdose of dicumarol (bishydroxy coumarin).</p> <p>FOR HUMAN CASES: Vitamin k1 is antidotal at doses of 10 to 20 mg (not mg/kg). Repeated treatments may need to be given for up to 30 days (based on monitoring of prothrombin times). In severe cases, blood transfusions may be necessary.</p> <p>FOR ANIMAL CASES: Vitamin k1 is antidotal at doses of 5 mg intramuscularly. Oral Vitamin K1 should be given for up to 30 days (based on monitoring of prothrombin times). In severe cases, blood transfusions may be necessary.</p>
<b>Aggravated Medical Conditions:</b>	No information available.

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**5. FIRE-FIGHTING MEASURES**

<b>Flash point:</b>	Greater than 93.3° C (>200° F). May be combustible at high temperature.
<b>Flammability Limits in Air:</b>	
<b>Lower</b>	No information available.
<b>Upper</b>	No information available.
<b>Autoignition Temperature:</b>	No information available.
<b>Suitable Extinguishing Media:</b>	As suitable for surrounding fire.
<b>Extinguishing Media which must not be used for safety reasons:</b>	No information available.
<b>Specific hazards:</b>	Not applicable.
<b>Unusual hazards:</b>	None known.
<b>Special Protective Equipment for Fire Fighters:</b>	As in any fire, wear self-contained breathing apparatus, pressure-demand, MSHA / NIOSH (approved or equivalent) and full protective gear.
<b>Precautions for Fire Fighters:</b>	Standard procedure for chemical fires.

**NFPA:**    **Health Hazard:** 2    **Flammability:** 0    **Instability:** 0

**HMIS:**    **Health Hazard:** 2    **Flammability:** 0    **Reactivity:** 0

**Key:**    Personal Protection Index = B.  
(Also see Sections 3 & 8)

**6. ACCIDENTAL RELEASE MEASURES**

<b>Personal Precautions:</b>	Ensure adequate ventilation.
<b>Environmental Precautions:</b>	Do not allow material to contaminate ground water system. Prevent product from entering drains. Local authorities should be advised if significant spillages cannot be contained.
<b>Methods for Cleaning Up</b>	Small spillage: Avoid dust formation Sweep up and shovel into suitable containers for disposal Remaining spill residues of dust may be wiped up with paper towels or flushed into sink or sanitary system with water  Large spills should be diked, contained and collected for later disposal according to local, provincial, state or federal regulations.

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**7. HANDLING AND STORAGE**

**Safe Handling Advice:** Use only as directed on the container label.  
Do not ingest.  
Avoid dust formation.  
Wash hands thoroughly after handling

**Storage:** Store in original container in areas inaccessible to small children and pets.  
Keep in a dry place  
Keep away from humans, domestic animals and pets.

**EPA Registered Product:** It is a violation of federal law to use this product in a manner inconsistent with its labeling.

**8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

Chemical Name	ACGIH TLV	OSHA PEL
BRODIFACOUIM 56073-10-0	-	-

**Engineering Controls:** For occupational exposures, ensure adequate ventilation.

**Personal Protective Equipment**

**Respiratory Protection:** None required under normal usage.  
In the case of respirable dust, use self-contained breathing apparatus

**Hand Protection:** Not required under normal use  
Emergency responders should wear impermeable gloves.

**Eye Protection:** not required under normal use  
Emergency responders should wear full eye and face protection.

**Skin and Body Protection:** Usual safety precautions while handling the product will provide adequate protection against injury or irritation. Follow product label instructions.

**Hygiene Measures:** Wash thoroughly with soap and water after handling.

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**9. PHYSICAL AND CHEMICAL PROPERTIES**

**Physical State:** Solid.  
**Appearance:** Pellets.  
**Colour:** Green.  
**Odour:** No information available.  
**pH VALUE:** No data available

**Flash Point:** > 93°C / > 200°F  
**Autoignition Temperature:** No information available.  
**Specific gravity:** No information available.  
**Specific Gravity / Density [g/mL]:** 0.60 - 0.75  
**Vapour Pressure:** Not determined.  
**Solubility:** Insoluble.

**Explosion limits:**

- upper: No data available.  
 - lower: No data available.

**10. STABILITY AND REACTIVITY**

**Stability:** Stable under recommended storage conditions.

**Conditions to Avoid:** Avoid dust formation  
 Store away from excessive heat and moisture.

**Materials to Avoid:** None known.

**Hazardous Decomposition Products:** Oxides of carbon and unknown organic compounds.

**Polymerization:** Hazardous polymerisation does not occur.

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**11. TOXICOLOGICAL INFORMATION**

**PRODUCT TOXICITY DATA**

**LD<sub>50</sub> Oral:** No information available

**LD<sub>50</sub> Dermal:** No information available

**LC<sub>50</sub> Inhalation (Dust):** No information available

**LC<sub>50</sub> Inhalation (Vapor):** No information available

**Acute Effects:**

**Eye Irritation** May cause moderate eye irritation.

**Skin Irritation** None expected during normal conditions of use.

**Inhalation** None expected during normal conditions of use.

**Ingestion** May be harmful or fatal if swallowed. Ingestion of the product may reduce the clotting ability of the blood and cause hemorrhaging.

**Sensitization** Not expected to be a skin sensitiser.

**Specific Effects**

**Carcinogenic Effects:** Not listed as carcinogenic by OSHA, NTP or IARC.

**Mutagenic Effects** No information available.

**Reproductive Toxicity:** No information available.

**Additional Toxicity Information:** Information is based on available component data and toxicity result of similar products.

**COMPONENT TOXICITY DATA**

Chemical Name	CAS#	LD50 Oral - With Units - Rat - mg/kg	LD50 Dermal - With Units - Rat/Rabbit - mg/kg	LC50 - With units - Rat/Rabbit - For Display
BRODIFACOUM	56073-10-0	0.16 mg/kg ( Rat )	200 mg/kg ( Rat )	500 µg/m <sup>3</sup> ( Rat ) 4 h

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**12. ECOLOGICAL INFORMATION**

**PRODUCT TOXICITY DATA**

**Aquatic toxicity:** This product is toxic to fish, birds and wildlife. This product can pose a secondary hazard to birds of prey and mammals. Keep out of any body of water.

**COMPONENT TOXICITY DATA**

*BRODIFACOUM*

56073-10-0 (< 0.01 %)

**Freshwater Algae** -

**Freshwater Fish** -

**Microtox** -

**Water Flea** -

**Other Information**

**Ozone Depletion Potential (ODP) (R-11 = 1):** No information available.

**Global Warming Potential (GWP):** No information available.

**Additional Ecological Information:** Information given is based on data on the components and the ecotoxicology of similar products.

**13. DISPOSAL CONSIDERATIONS**

**Waste from residues / unused products:** Dispose of in accordance with local, state and federal regulations.

**Contaminated Packaging:** Do not re-use empty containers.  
Wrap in newspaper and place in trash.  
Offer for recycling if available.

**Waste Disposal:** If partly filled: call local solid waste agency for disposal instructions. Never place unused product down any indoor or outdoor drain.

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**14. TRANSPORT INFORMATION**

<u>DOT</u>	Not regulated
<u>TDG</u>	Not regulated
<u>MEX</u>	Not applicable.
<u>ICAO</u>	Not regulated
<u>IATA</u>	Not regulated
<u>IMDG/IMO</u>	Not regulated
<u>RID</u>	Not regulated
<u>ADR</u>	Not applicable.
<u>ADN</u>	Not applicable.

**15. REGULATORY INFORMATION**

Chemical Name	PICCS	TSCA	DSL	NDSL	ENCS	CHINA	AICS	EINECS/ ELINCS	South Africa STELs
BRODIFACOUM							X	259-980-5	

**U.S. Regulations:**

*BRODIFACOUM - 56073-10-0*  
**NJRTK**

X

**Appearance**  
**SARA313**

None.  
None

**Chemical Name**  
*BRODIFACOUM - 56073-10-0*

**California Prop. 65**  
Not Listed

**WHMIS (Canada)**

**WHMIS Hazard Class**

Not determined



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**16. OTHER INFORMATION**

**National Fire  
Protection Association  
(U.S.A.):**



**HMIS (U.S.A.):**

<b>Health Hazard</b>	<b>2</b>
<b>Fire Hazard</b>	<b>0</b>
<b>Reactivity</b>	<b>0</b>
<b>PERSONAL PROTECTION</b>	<b>B</b>

**Reason for revision:** Update or revision of the PSDS.

**Additional advice:** This product should only be used as directed on the label and for the purpose intended.

**Prepared by:** Reckitt Benckiser (U.S.) Inc.  
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