



MATERIAL SAFETY DATA SHEET

According to US Regulation ANSI Z400.1-2004

Print date: 11-June-2009

1. PRODUCT AND COMPANY IDENTIFICATION

Item Number: 356071

MSDS No.: 356068PSDS

Product Name: D-CON® READY MIXED BAITBITS

Validation/Revision Date: 11-June-2009

Product Identifier: EPA Reg. Number 3282-81
California Reg. Number 3282-81-ZA

Formula Number: 356071 using 4-PA-165 (356068)

UPC Code(s) and Size: 19200-00202 (4 trays of 3 oz. each); 19200-00262 (3 lbs.)

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

2. COMPOSITION/INFORMATION ON INGREDIENTS

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

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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

Inhalation	Move to fresh air
Skin Contact	Wash off immediately with soap and plenty of water. If symptoms persist, call a physician.
Eye Contact	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.
Ingestion	Call a physician or Poison Control Center immediately Do not induce vomiting without medical advice
Notes to Physician	<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>
Aggravated Medical Conditions:	No information available.

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5. FIRE-FIGHTING MEASURES

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

Personal Precautions:	Ensure adequate ventilation.
Environmental Precautions:	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.
Methods for Cleaning Up	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

LD₅₀ Oral: No information available

LD₅₀ Dermal: No information available

LC₅₀ Inhalation (Dust): No information available

LC₅₀ 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 ³ (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.):

Health Hazard	2
Fire Hazard	0
Reactivity	0
PERSONAL PROTECTION	B

Reason for revision: Update UPC codes.

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

Prepared by: Reckitt Benckiser
North America Regulatory Affairs
Parsippany, New Jersey

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