



SAFETY DATA SHEET

according to Hazardous Products Regulations (HPR)

Page 1/9

Ramik® Brown

Revision 2
Revision date 2021-08-23

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product name	Ramik® Brown
Product code	0033370, 110924
Registration No.	EPA Reg. No. 61282-45, 11670 PCP Act.

1.2. Relevant identified uses of the substance or mixture and uses advised against

Description	Rodenticide. Restricted Use Pesticide: For retail sale to and use only by Certified Applicators or persons under their direct supervision and only for those uses covered by the Certified Applicator's Certification.
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1.3. Details of the supplier of the safety data sheet

Company	Neogen Corporation
Address	620 Leshler Place Lansing MI 48912 USA
Web	www.neogen.com
Telephone	517-372-9200/800-234-5333
Email	SDS@neogen.com

1.4. Emergency telephone number

	24 hours: Medical: 1-800-498-5743 (U.S. and Canada) or 1-651-523-0318 (international) Spill/CHEMTREC: 1-800-424-9300 (U.S. and Canada) or 1-703-527-3887 (international)
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Further information

	Manufactured By: HACCO, Inc. 110 Hopkins Dr. Randolph, WI 53956-1316 U.S.A. HACCO, Inc. is a wholly-owned subsidiary of Neogen Corporation.
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SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

2.1.2. Classification - GHS	Based on available data, this product is not classified as hazardous.
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2.2. Label elements

Hazard Statement	No Significant Hazard
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2.3. Other hazards

Ramik® Brown

Revision 2
Revision date 2021-08-23

2.3. Other hazards

Other hazards	Combustible dusts: May form combustible dust concentrations in air. Contains material(s) which may be harmful if swallowed. Contains substance(s) which are hazardous to the environment.
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Further information

	Read the entire label and follow all use directions, restrictions, and precautions.
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SECTION 3: Composition/information on ingredients

3.2. Mixtures

EC 1272/2008

Chemical Name	Index No.	CAS No.	EC No.	REACH Registration Number	Conc. (%w/w)	Classification
Sucrose		57-50-1	200-334-9		1 - 10%	
Diphacinone		82-66-6	201-434-5		0.005%	Acute Tox. 1: H300; Acute Tox. 2: H310; Acute Tox. 4: H332; STOT RE 1: H372; Aquatic Acute 2: H401;

Description

	Concentrations listed may not represent exact product specifications.
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Further information

	Full text of Hazard Statements listed in this Section is provided in Section 16.
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SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation	Move the exposed person to fresh air. If breathing is difficult give oxygen. If breathing stops, provide artificial respiration. Call a poison control center or doctor for further treatment advice.
Eye contact	Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for further treatment advice.
Skin contact	Remove contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for further treatment advice.
Ingestion	Call a poison control center or doctor 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. Never give anything by mouth to an unconscious person.

4.2. Most important symptoms and effects, both acute and delayed

Inhalation	May cause irritation to respiratory system.
Eye contact	May cause eye irritation.
Skin contact	May cause irritation to skin.
Ingestion	If swallowed, this material may reduce the clotting ability of the blood and cause bleeding. Ingestion may cause nausea and vomiting.

4.3. Indication of any immediate medical attention and special treatment needed

	Remove the affected person from the source of contamination immediately. Transfer to hospital if there are burns or symptoms of poisoning. Seek medical attention if irritation or symptoms persist. If medical advice is needed, have product container or label at hand.
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Further information

Ramik® Brown

Revision 2
Revision date 2021-08-23

Further information

NOTE TO PHYSICIAN OR VETERINARIAN	Refer to product label and/or package insert for additional information. Follow label instructions.
	HAVE LABEL WITH YOU WHEN OBTAINING TREATMENT ADVICE. For animals ingesting bait and/or showing poisoning signs (bleeding or elevated prothrombin times), administer Vitamin K1.

SECTION 5: Firefighting measures

5.1. Extinguishing media

	Use extinguishing media appropriate to the surrounding fire conditions.
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5.2. Special hazards arising from the substance or mixture

	Combustible dusts: May form combustible dust concentrations in air. Avoid formation of dust. Do not allow undiluted product to be released to ground water, water course or sewage system.
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5.3. Advice for firefighters

	Do not breathe dust or vapour. Wear self-contained breathing apparatus and chemical-protective clothing.
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SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

	In the case of cleanup following a spill, wear protective clothing and appropriate equipment to prevent exposure of skin and eyes and to prevent ingestion or inhalation. Do not breathe dust. Ensure adequate ventilation of the working area. Avoid prolonged or repeated exposure.
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6.2. Environmental precautions

	Prevent further spillage if safe. Clean area thoroughly with detergent. Do not flush into surface water. Do not let product contaminate subsoil.
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6.3. Methods and material for containment and cleaning up

	Sweep up. Clean area thoroughly with detergent. Do not contaminate water by cleaning of equipment or disposal of wastes. Do not empty into drains; dispose of this material and its container in a safe way. Dispose of in compliance with all label instructions.
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6.4. Reference to other sections

	See Section(s) 2, 8, and 13 for further information.
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SECTION 7: Handling and storage

7.1. Precautions for safe handling

	Adopt best Manual Handling considerations when handling, carrying and dispensing. All handlers (including applicators) must wear long-sleeved shirt and long pants, and shoes plus socks. Avoid contact with eyes. Do not eat, drink or smoke in areas where this product is used or stored. Ensure adequate ventilation of the working area. Do not contaminate water by cleaning of equipment or disposal of wastes. Read the entire label and follow all use directions, restrictions, and precautions.
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7.2. Conditions for safe storage, including any incompatibilities

	Do not contaminate water, food, or feed by storage or disposal. Store in original container in a cool, dry place inaccessible to children and pets. Keep containers closed and away from other chemicals. Follow label instructions.
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7.3. Specific end use(s)

	See Section(s) 1.2 for further information.
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Ramik® Brown

Revision 2
Revision date 2021-08-23

Further information

Refer to product label and/or package insert for additional information. Follow label instructions.


SECTION 8: Exposure controls/personal protection

8.1. Control parameters

8.1.1. Exposure Limit Values

Sucrose	8-hour OEL ppm:	8-hour OEL mg/m ³ : 10
	8-hour OEL f/cc:	15-min or ceiling (c) OEL ppm:
	15-min or ceiling (c) OEL mg/m ³ :	Substance interaction 1,2,3:

8.2. Exposure controls

	
8.2.1. Appropriate engineering controls	Ensure adequate ventilation of the working area.
8.2.2. Individual protection measures	All handlers (including applicators) must wear long-sleeved shirt and long pants, and shoes plus socks. Follow label instructions.
Eye / face protection	Use as appropriate: Eye protection.
Skin protection - Handprotection	Wear: Chemical resistant gloves. Wash the outside of gloves before removing them. Wash hands thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet.
Skin protection - Other	Wear: Long-sleeved shirt and long pants. Wash contaminated clothing, separately from other laundry, with detergent and water before reuse.
Respiratory protection	In case of insufficient ventilation, wear suitable respiratory equipment.
Occupational exposure controls	Any person who retrieves carcasses or unused bait following application of this product must wear. Exposure above the recommended occupational exposure limit (OEL) may cause adverse health effects. Protect clothing from contact with the product. Provide chemical shower. Provide eye wash station.

Further information

Refer to product label for additional PPE requirements and recommendations. Follow label instructions.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Ramik® Brown

Revision 2
Revision date 2021-08-23

9.1. Information on basic physical and chemical properties

State	Solid/Pellets
Colour	Green
Odour	Characteristic/Mild
Relative density	0.48 - 0.64
Flammability limits	Combustible dust
Vapour pressure	No data available
Vapour density	No data available
Partition coefficient	No data available
Autoignition temperature	No data available
Explosive	No data available
Oxidising	No data available
Odour threshold	No data available
pH	No data available
Melting point	No data available
Freezing Point	No data available
Boiling point	No data available
Flash point	No data available
Evaporation rate	No data available
Solubility	Slightly soluble in water

9.2. Other information

VOC (Volatile organic compounds)	No data available
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SECTION 10: Stability and reactivity

10.1. Reactivity

	Stable under normal conditions.
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10.2. Chemical stability

	Stable under normal conditions.
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10.3. Possibility of hazardous reactions

	Under the specified conditions, hazardous reactions that lead to excessive temperatures or pressure are not expected.
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10.4. Conditions to avoid

	Avoid sparks, flames, heat and sources of ignition. Avoid formation of dust.
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10.5. Incompatible materials

	Combustible materials.
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10.6. Hazardous decomposition products

	Carbon oxides.
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SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity	Based on available data, the classification criteria are not met. However, this product does contain substance(s) that are classified as hazardous. For more information, see Section 3.
Skin corrosion/irritation	May cause irritation to skin.

Ramik® Brown

Revision 2
Revision date 2021-08-23

11.1. Information on toxicological effects

Serious eye damage/irritation	May cause eye irritation.
Respiratory or skin sensitisation	May cause allergic reactions in susceptible people.
Germ cell mutagenicity	No mutagenic effects reported.
Carcinogenicity	No components at >0,01% are listed in the American Conference of Governmental Industrial Hygienists (ACGIH) Guide to Occupational Exposure Values. No components at >0.01% are listed in the International Agency for Research on Cancer (IARC) Monographs. No components at >0,01% are listed in the National Toxicology Program (NTP) Report on Carcinogens. Not listed in the OSHA standard 1910.1003 Carcinogens.
Reproductive toxicity	No teratogenic effects reported.
STOT-single exposure	May cause allergy or asthma symptoms or breathing difficulties if inhaled.
STOT-repeated exposure	Component(s) may cause damage to human organs based on animal data.
Aspiration hazard	No Significant Hazard.
Repeated or prolonged exposure	Avoid prolonged or repeated exposure. Delayed appearance of the complaints and development of hypersensitivity (difficult breathing, coughing, asthma) are possible.

11.1.2. Mixtures

	See Section(s) 3 for further information.
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11.1.3. Hazard Information

	See Section(s) 2 and 3 for further information.
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11.1.4. Toxicological Information

	No data available
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11.1.5. Hazard Class

	See Section(s) 2 and 14 for further information.
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11.1.6. Classification Criteria

	Based on the Globally Harmonised System (GHS) considerations for the classification of mixtures. See Section 15 for regulatory citations.
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11.1.7. Information on likely routes of exposure

	Eye contact. Skin contact. Ingestion. Inhalation.
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11.1.8. Symptoms related to the physical, chemical and toxicological characteristics

	See Section(s) 4.2 for further information.
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11.1.9. Delayed and immediate effects as well as chronic effects from short and long-term exposure

	See Section(s) 4.2 for further information.
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11.1.10. Interactive effects

	No data available.
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11.1.11. Absence of specific data

	<1% of this mixture consists of ingredients of unknown acute toxicity.
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11.1.12. Mixture versus substance information

	See Section(s) 3 for further information.
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11.1.13. Other information

Ramik® Brown

Revision 2
Revision date 2021-08-23

11.1.13. Other information

Refer to product label and/or package insert for additional information.

SECTION 12: Ecological information

12.1. Toxicity

No data available

12.2. Persistence and degradability

No data is available on this product.

12.3. Bioaccumulative potential

No data is available on this product.

Partition coefficient

Ramik® Brown No data available	Sucrose No data available
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12.4. Mobility in soil

No data is available on this product.

12.5. Results of PBT and vPvB assessment

No data is available on this product.

12.6. Other adverse effects

This product is extremely toxic to mammals, birds and other wildlife. Dogs, cats 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.

Further information

Refer to product label and/or package insert for additional information.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Dispose of in compliance with all local and national regulations. Follow label instructions.

Disposal methods

Do not contaminate water by cleaning of equipment or disposal of wastes. Do not flush into surface water. Dispose of in compliance with all local and national regulations.

Disposal of packaging

Nonrefillable container. Do not reuse or refill this container.
If empty: Do not reuse this container. Place in trash or offer for recycling, if available.
If partly filled: Call your local solid waste agency for disposal instructions. Never place unused product down any indoor or outdoor drain.

Further information

Refer to product label and/or package insert for additional information. Follow label instructions.

SECTION 14: Transport information

14.1. UN number

Ramik® Brown

Revision 2
Revision date 2021-08-23

14.1. UN number	
	The product is not classified as dangerous for carriage.
14.2. UN proper shipping name	
	The product is not classified as dangerous for carriage.
14.3. Transport hazard class(es)	
	The product is not classified as dangerous for carriage.
14.4. Packing group	
	The product is not classified as dangerous for carriage.
14.5. Environmental hazards	
	The product is not classified as dangerous for carriage.
14.6. Special precautions for user	
	The product is not classified as dangerous for carriage.
14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	
	The product is not classified as dangerous for carriage.

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

Regulations	WHMIS 2015 requirements as specified in the Hazardous Products Act (HPA) and the Hazardous Products Regulations (HPR).
	Domestic/Non-Domestic Substances Lists (DSL/NDSL): All ingredients listed or exempt., No restrictions. Toxic Substances Control Act (TSCA): This product contains one or more components that are not listed or exempt from listing on the inventory administered by the governing country, (<0.01%). Massachusetts Right-to-Know Hazardous Substance List: This material contains no reportable components. New Jersey Worker and Community Right to Know Act: This material contains no reportable components. Pennsylvania Right to Know Law: A-D-Glucopyranoside, β-D-Fructofuranosyl (dust), CAS No. 57-50-1. Rhode Island Right-to-Know General Law: Sucrose (dust), CAS No. 57-50-1. California Proposition 65: This material contains no reportable components.

Further information

Additional Regulating Authority:	This chemical is a pesticide product registered by the United States Environmental Protection Agency and is subject to certain labeling requirements under federal pesticide law. These requirements differ from the classification criteria and hazard information required for safety data sheets (SDS), and for workplace labels of non-pesticide chemicals. The hazard information required on the pesticide label is reproduced below. The pesticide label also includes other important information, including directions for use.
Signal Word	CAUTION.
Label Precautions	Restricted Use Pesticide: For retail sale to and use only by Certified Applicators or persons under their direct supervision and only for those uses covered by the Certified Applicator's Certification. Keep out of reach of children. Hazards to humans and domestic animals. 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.

Ramik® Brown

Revision 2
Revision date 2021-08-23

Further information

All handlers (including applicators) must wear long-sleeved shirt and long pants, and shoes plus socks. Wear: Waterproof gloves. Any person who retrieves carcasses or unused bait following application of this product must wear waterproof gloves.

SECTION 16: Other information

Other information

Revision	This document differs from the previous version in the following areas: 1 - Registration No. 15 -.
Acronyms	ADR/RID: European Agreements Concerning the International Carriage of Dangerous Goods by Rail (RID) and by Road (ADR). CAS No.: Chemical Abstracts Service. FIFRA: U.S. Federal Insecticide, Fungicide, and Rodenticide Act. GHS: Globally Harmonized System. HCS 2012: U.S. Hazard Communication Standard (2012 revision). IATA: International Air Transport Association. ICAO: International Civil Aviation Organisation. IMDG: International Maritime Dangerous Goods. LD: Lethal dose. OEL: Occupational exposure limit. OSHA: U.S. Occupational Safety and Health Administration. PEL: Permissible Exposure Limit. REACH: Registration, Evaluation, Authorisation, and Restriction of Chemicals. STOT: Specific Target Organ Toxicity. SVHC: Substance of very high concern. US DOT: United States Department of Transportation. VOC: Volatile Organic Compound. WEL: Workplace Exposure Limit.
Text of Hazard Statements in Section 3	Acute Tox. 1: H300 - Fatal if swallowed. Acute Tox. 2: H310 - Fatal in contact with skin. Acute Tox. 4: H332 - Harmful if inhaled. STOT RE 1: H372 - Causes damage to organs through prolonged or repeated exposure . Aquatic Acute 2: H401 - Toxic to aquatic life.

Further information

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