



SAFETY DATA SHEET

according to 29 CFR 1910.1200 and GHS

Page 1/7

Ramik® Brown

Revision 1
Revision date 2018-10-16

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

1.1. Product identifier

Product name	Ramik® Brown
Product code	0033370, 110924

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

Product Use	[SU3] Industrial uses: Uses of substances as such or in preparations at industrial sites; [PC8] Biocidal products (e.g. Disinfectants, pest control);
Description	Rodenticide.

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	regulatorysupport@neogen.com

1.4. Emergency telephone number

Emergency telephone number	1-800-234-5333
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Further information

Manufactured By:	HACCO, Inc. 110 Hopkins Dr. Randolph, WI 53956-1316 U.S.A.
Hotline(s):	HACCO, Inc. is a wholly-owned subsidiary of Neogen Corporation. Medical: United States (1-800-498-5743), International (1-651-523-0318). Spill/CHEMTREC: United States (1-800-424-9300), International (1-703-527-3887).

SECTION 2: Hazards identification

2.2. Label elements

Hazard Statements	No Significant Hazard
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2.3. Other hazards

Other hazards	No data is available on this product.
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SECTION 3: Composition/information on ingredients

3.2. Mixtures

Ramik® Brown

Revision 1
Revision date 2018-10-16

3.2. Mixtures

EC 1272/2008

Chemical Name	Index No.	CAS No.	EC No.	REACH Registration Number	Conc. (%w/w)	Classification
Diphacinone		82-66-6	201-434-5		0 - 0.5%	Acute Tox. 1: H300; Acute Tox. 2: H310; Acute Tox. 4: H332; STOT RE 1: H372; Aquatic Acute 2: H401;

Further information

The exact percentage (concentration) of composition has been withheld as a trade secret.

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation	Move the exposed person to fresh air. If breathing stops, provide artificial respiration. If breathing is difficult give oxygen.
Eye contact	Rinse immediately with plenty of water for 15 minutes holding the eyelids open. Contact lenses should be removed.
Skin contact	Remove contaminated clothing. Wash off immediately with plenty of soap and water.
Ingestion	Rinse mouth thoroughly. Never give anything by mouth to an unconscious person. DO NOT INDUCE VOMITING unless advised to do so by a doctor.

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

Inhalation	Coughing, difficulty in breathing.
Eye contact	May cause irritation to eyes.
Skin contact	May cause irritation to skin.
Ingestion	May be harmful by ingestion, inhalation or if absorbed through the skin.

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

Inhalation	Seek medical attention if irritation or symptoms persist.
Eye contact	Seek medical attention if irritation or symptoms persist.
Skin contact	Seek medical attention if irritation or symptoms persist.
Ingestion	Immediate medical attention is required.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Use extinguishing media appropriate to the surrounding fire conditions.

5.2. Special hazards arising from the substance or mixture

Cool fire exposed containers with waterspray. Burning produces irritating, toxic and obnoxious fumes.

5.3. Advice for firefighters

In case of fire and/or explosion do not breathe fumes. Wear self contained breathing apparatus and protective clothing.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Wear suitable gloves. Avoid contact with skin and eyes. Wash hands after handling the product. Avoid formation of dust. Do not breathe dust.

6.2. Environmental precautions

Ramik® Brown

Revision 1
Revision date 2018-10-16

6.2. Environmental precautions

Do not allow product to enter drains. Prevent further spillage if safe.

6.3. Methods and material for containment and cleaning up

Transfer to suitable, labelled containers for disposal. Avoid raising dust.

6.4. Reference to other sections

See section 2, 8 & 13 for further information.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Adopt best Manual Handling considerations when handling, carrying and dispensing. Wear suitable gloves. Avoid contact with eyes and skin. Ensure adequate ventilation of the working area. Do not breathe dust. Do not eat, drink or smoke in areas where this product is used or stored. Take off immediately all contaminated clothing and wash it before reuse.

7.2. Conditions for safe storage, including any incompatibilities

Keep containers tightly closed. Keep in a cool, dry, well ventilated area. Store in correctly labelled containers.

7.3. Specific end use(s)

See section 1.2 for further information.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Occupational exposure controls.

8.2. Exposure controls



Appropriate engineering controls

Ensure adequate ventilation of the working area.

Individual protection measures

Wear:.. Chemical resistant gloves.

Eye / face protection

Not required.

Skin protection - Hand protection

Wear:.. Chemical resistant gloves.

Skin protection - Other

Wear suitable protective clothing.

Respiratory protection

Not required.

Occupational exposure controls

Keep away from food, drink and animal feed and/ or feed products.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Ramik® Brown

Revision 1
Revision date 2018-10-16

9.1. Information on basic physical and chemical properties

State	Pellets
Color	Brown
Odor	Aromatic
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
Flammability limits	No data available
Vapor pressure	No data available
Vapor density	No data available
Relative density	No data available
Partition coefficient	No data available
Autoignition temperature	No data available
Explosive properties	No data available
Oxidising properties	No data available
Solubility	No data available

9.2. Other information

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

10.1. Reactivity

	No data available.
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10.2. Chemical stability

	Stable under normal conditions.
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10.3. Possibility of hazardous reactions

	No data available.
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10.4. Conditions to avoid

	Heat, sparks and open flames.
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10.5. Incompatible materials

	No data available.
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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

Skin corrosion/irritation	May cause irritation to skin.
Serious eye damage/irritation	May cause irritation to eyes.
Respiratory or skin sensitisation	No data available.

Ramik® Brown

Revision 1
Revision date 2018-10-16

11.1. Information on toxicological effects

Germ cell mutagenicity	No data available.
Carcinogenicity	Not listed in the National Toxicology Program (NTP) 13th Report on Carcinogens. Not listed in the OSHA standard 1910.1003 Carcinogens. Not found to be a potential carcinogen in the International Agency for Research on Cancer (IARC) Monographs, Volumes 1-112.
Reproductive toxicity	No data available.
STOT-single exposure	No data available.
STOT-repeated exposure	No data available.
Aspiration hazard	No data available.
Repeated or prolonged exposure	Avoid prolonged or repeated exposure.

11.1.4. Toxicological information

Ramik® Brown	Oral Rat LD50: 8 mg/kg	Dermal Rabbit LD50: 11 mg/kg
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SECTION 12: Ecological information

12.1. Toxicity

	Not applicable.
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12.2. Persistence and degradability

	No data available.
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12.3. Bioaccumulative potential

	No data available.
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Partition coefficient

	Ramik® Brown No data available
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12.4. Mobility in soil

	No data available.
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12.5. Results of PBT and vPvB assessment

	No data available.
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12.6. Other adverse effects

	No data available.
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SECTION 13: Disposal considerations

13.1. Waste treatment methods

	Dispose of in compliance with all local and national regulations.
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Disposal methods

	Contact a licensed waste disposal company.
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Disposal of packaging

	Do NOT reuse empty containers. Empty containers can be sent for disposal or recycling.
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SECTION 14: Transport information

14.1. UN number

Ramik® Brown

Revision 1
Revision date 2018-10-16

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.
	No data available.
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.
	Not applicable.

SECTION 15: Regulatory information

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

Regulations	Hazard Communication Standard: 29 Code of Federal Regulations 1910.1200: Occupational Safety and Health Standards: Z: Toxic and Hazardous Substances: Hazard Communication. All chemicals in this product are TSCA listed or excluded from listing, on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory. TSCA - United States Toxic Substances Control Act Section 8(b) Inventory.
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15.2. Chemical safety assessment

	No data available.
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Further information

FIFRA	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.
FIFRA Signal Word	CAUTION.
FIFRA Warning	Harmful if swallowed or absorbed through the skin. Keep away from children, domestic animals, and pets. Do not get in eyes, on skin, or on clothing. All handlers (including applicators) must wear long-sleeved shirt and barrier laminate gloves. 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 barrier laminate gloves.

SECTION 16: Other information

Other information

Revision	This document differs from the previous version in the following areas: 1 - Product code.
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Ramik® Brown

Revision 1
Revision date 2018-10-16

Other information

Text of Hazard Statements in Section 3	<p>1 - Manufactured By:.</p> <p>1 - Hotline(s):.</p> <p>4 - Ingestion.</p> <p>9 - 9.1. Information on basic physical and chemical properties (Color).</p> <p>9 - 9.1. Information on basic physical and chemical properties (Odor).</p> <hr/> <p>Acute Tox. 1: H300 - Fatal if swallowed.</p> <p>Acute Tox. 2: H310 - Fatal in contact with skin.</p> <p>Acute Tox. 4: H332 - Harmful if inhaled.</p> <p>STOT RE 1: H372 - Causes damage to organs through prolonged or repeated exposure .</p> <p>Aquatic Acute 2: H401 - Toxic to aquatic life.</p>
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Further information

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