



SAFETY DATA SHEET

according to 29 CFR 1910.1200 and GHS

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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 |
|----------------------------|----------------|

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 |
|-------------------|-----------------------|

2.3. Other hazards

| | |
|---------------|---------------------------------------|
| Other hazards | No data is available on this product. |
|---------------|---------------------------------------|

SECTION 3: Composition/information on ingredients

3.2. Mixtures

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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

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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

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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 |
|---|-------------------|

SECTION 10: Stability and reactivity

10.1. Reactivity

| | |
|--|--------------------|
| | No data available. |
|--|--------------------|

10.2. Chemical stability

| | |
|--|---------------------------------|
| | Stable under normal conditions. |
|--|---------------------------------|

10.3. Possibility of hazardous reactions

| | |
|--|--------------------|
| | No data available. |
|--|--------------------|

10.4. Conditions to avoid

| | |
|--|-------------------------------|
| | Heat, sparks and open flames. |
|--|-------------------------------|

10.5. Incompatible materials

| | |
|--|--------------------|
| | No data available. |
|--|--------------------|

10.6. Hazardous decomposition products

| | |
|--|----------------|
| | Carbon oxides. |
|--|----------------|

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. |

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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 |
|--------------|------------------------|------------------------------|

SECTION 12: Ecological information

12.1. Toxicity

| | |
|--|-----------------|
| | Not applicable. |
|--|-----------------|

12.2. Persistence and degradability

| | |
|--|--------------------|
| | No data available. |
|--|--------------------|

12.3. Bioaccumulative potential

| | |
|--|--------------------|
| | No data available. |
|--|--------------------|

Partition coefficient

| | |
|--|--------------------------------|
| | Ramik® Brown No data available |
|--|--------------------------------|

12.4. Mobility in soil

| | |
|--|--------------------|
| | No data available. |
|--|--------------------|

12.5. Results of PBT and vPvB assessment

| | |
|--|--------------------|
| | No data available. |
|--|--------------------|

12.6. Other adverse effects

| | |
|--|--------------------|
| | No data available. |
|--|--------------------|

SECTION 13: Disposal considerations

13.1. Waste treatment methods

| | |
|--|---|
| | Dispose of in compliance with all local and national regulations. |
|--|---|

Disposal methods

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| | Contact a licensed waste disposal company. |
|--|--|

Disposal of packaging

| | |
|--|--|
| | Do NOT reuse empty containers. Empty containers can be sent for disposal or recycling. |
|--|--|

SECTION 14: Transport information

14.1. UN number

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| | |
|---|--|
| 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. |
|--------------------|--|

15.2. Chemical safety assessment

| | |
|--|--------------------|
| | No data available. |
|--|--------------------|

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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Other information

| | |
|---|---|
| Text of Hazard Statements in Section 3 | <p>1 - Manufactured By:. 1 - Hotline(s):. 4 - Ingestion. 9 - 9.1. Information on basic physical and chemical properties (Color). 9 - 9.1. Information on basic physical and chemical properties (Odor).</p> |
| | <p>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.</p> |

Further information

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