



SAFETY DATA SHEET

according to Hazardous Products Regulations (HPR)

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Ramik® Green/Vert Mini Bait Packs

Revision 0
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SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

| | |
|------------------|-----------------------------------|
| Product name | Ramik® Green/Vert Mini Bait Packs |
| Product code | 110951, 112950 |
| Registration No. | 30378 PCP Act. |

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

| | |
|-------------|--------------|
| 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 | 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) |
|--|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

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

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

2.2. Label elements

| | |
|------------------|-----------------------|
| Hazard Statement | No Significant Hazard |
|------------------|-----------------------|

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

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2.3. Other hazards

hazardous to the environment.

Further information

Read the entire label and follow all use directions, restrictions, and precautions.

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.

Further information

Full text of Hazard Statements listed in this Section is provided in Section 16.

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.

Further information

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

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Further information

NOTE TO PHYSICIAN OR VETERINARIAN

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.

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.

5.3. Advice for firefighters

Do not breathe dust or vapour. Wear self-contained breathing apparatus and chemical-protective clothing.

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.

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.

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.

6.4. Reference to other sections

See Section(s) 2, 8, and 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. 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.

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.

7.3. Specific end use(s)

See Section(s) 1.2 for further information.

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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/m3: 10 |
| | 8-hour OEL f/cc: | 15-min or ceiling (c) OEL ppm: |
| | 15-min or ceiling (c) OEL mg/m3: | 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

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

SECTION 10: Stability and reactivity

10.1. Reactivity

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

10.2. Chemical stability

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

10.3. Possibility of hazardous reactions

| | |
|--|-----------------------------------------------------------------------------------------------------------------------|
| | Under the specified conditions, hazardous reactions that lead to excessive temperatures or pressure are not expected. |
|--|-----------------------------------------------------------------------------------------------------------------------|

10.4. Conditions to avoid

| | |
|--|------------------------------------------------------------------------------|
| | Avoid sparks, flames, heat and sources of ignition. Avoid formation of dust. |
|--|------------------------------------------------------------------------------|

10.5. Incompatible materials

| | |
|--|------------------------|
| | Combustible materials. |
|--|------------------------|

10.6. Hazardous decomposition products

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

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. |

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

11.1.3. Hazard Information

| | |
|--|-------------------------------------------------|
| | See Section(s) 2 and 3 for further information. |
|--|-------------------------------------------------|

11.1.4. Toxicological Information

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

11.1.5. Hazard Class

| | |
|--|--------------------------------------------------|
| | See Section(s) 2 and 14 for further information. |
|--|--------------------------------------------------|

11.1.6. Classification Criteria

| | |
|--|----------------------------------------------------------------------------------------------------------------------------------------------|
| | Based on the Globally Harmonised System (GHS) considerations for the classification of mixtures. See Section 15 for regulatory citations. |
|--|----------------------------------------------------------------------------------------------------------------------------------------------|

11.1.7. Information on likely routes of exposure

| | |
|--|---------------------------------------------------|
| | Eye contact. Skin contact. Ingestion. Inhalation. |
|--|---------------------------------------------------|

11.1.8. Symptoms related to the physical, chemical and toxicological characteristics

| | |
|--|---------------------------------------------|
| | See Section(s) 4.2 for further information. |
|--|---------------------------------------------|

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

11.1.10. Interactive effects

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

11.1.11. Absence of specific data

| | |
|--|------------------------------------------------------------------------|
| | <1% of this mixture consists of ingredients of unknown acute toxicity. |
|--|------------------------------------------------------------------------|

11.1.12. Mixture versus substance information

| | |
|--|-------------------------------------------|
| | See Section(s) 3 for further information. |
|--|-------------------------------------------|

11.1.13. Other information

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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® Green/Vert Mini Bait Packs | No data available | Sucrose | No data available |
|------------------------------------------|-------------------|----------------|-------------------|

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

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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. |
| 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 | <p>WHMIS 2015 requirements as specified in the Hazardous Products Act (HPA) and the Hazardous Products Regulations (HPR).</p> <p>Domestic/Non-Domestic Substances Lists (DSL/NDSL): All ingredients listed or exempt., No restrictions.</p> <p>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%).</p> <p>Massachusetts Right-to-Know Hazardous Substance List: This material contains no reportable components.</p> <p>New Jersey Worker and Community Right to Know Act: This material contains no reportable components.</p> <p>Pennsylvania Right to Know Law: A-D-Glucopyranoside, β-D-Fructofuranosyl (dust), CAS No. 57-50-1.</p> <p>Rhode Island Right-to-Know General Law: Sucrose (dust), CAS No. 57-50-1.</p> <p>California Proposition 65: This material contains no reportable components.</p> |
|--------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

Further information

| | |
|-----------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Additional Regulating Authority: | This chemical is a pesticide product registered by the Pest Management Regulatory Agency (PMRA) responsible for pesticide regulation in Canada and is subject to certain labeling under the authority of the Pest Control Products Act, Health Canada. These requirements differ from the classification criteria and hazard information required for safety data sheets(SDS), and for workplace labels for non-pesticide chemicals. The hazard information in accordance to PMRA is listed on the product label and also includes other important information, including directions for use. |
| Label Precautions | <p>KEEP OUT OF REACH OF CHILDREN, PETS, AND LIVESTOCK.</p> <p>May be harmful or fatal if swallowed or absorbed through the skin. Do not open pre-measured place packs. Chemical-resistant gloves must be worn when handling product and when disposing of dead rodents, unconsumed bait, and empty containers. Avoid contact with eyes, skin, or clothing. Wash hands thoroughly with soap and water after handling and before eating, drinking,</p> |

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chewing gum, using tobacco, or using the toilet. Wash contaminated clothing, separately from other laundry, with detergent and water before reuse. Keep away from feed and foodstuffs.

SECTION 16: Other information

Other information

| | |
|-----------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Acronyms | <p>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.</p> |
| Text of Hazard Statements in Section 3 | <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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