



SAFETY DATA SHEET

according to 29 CFR 1910.1200 and GHS

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Ramik® Oats

Revision 0
Revision date 2018-10-16

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

1.1. Product identifier

Product name	Ramik® Oats
Product code	116390

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. Restricted to professional users.

1.3. Details of the supplier of the safety data sheet

Company	Neogen Corporation
Address	620 Leshner 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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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	In case of accident by inhalation: remove casualty to fresh air and keep at rest. If breathing stops, provide artificial respiration. Seek medical attention if irritation or symptoms persist.
Eye contact	Rinse immediately with plenty of water for 15 minutes holding the eyelids open. Seek medical attention if irritation or symptoms persist.
Skin contact	Remove contaminated clothing. Rinse immediately with plenty of water. Seek medical attention if irritation or symptoms persist.
Ingestion	If swallowed, seek medical advice immediately and show this container or label. Have person sip a glass of water if able to swallow. Do not administer anything by mouth to an unconscious person. DO NOT INDUCE VOMITING unless advised to do so by a doctor.

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

Burning produces irritating, toxic and obnoxious fumes. Do not allow runoff water to enter sewers or drains.

5.3. Advice for firefighters

Wear suitable respiratory equipment when necessary.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Wear long-sleeved shirt, long pants, shoes, socks, and chemical-resistant gloves made of any water-proof material.

6.2. Environmental precautions

Do not flush into surface water. Do not empty into drains.

6.3. Methods and material for containment and cleaning up

Clean the area using a vacuum cleaner. Clean area thoroughly with detergent.

6.4. Reference to other sections

See section 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. Ensure

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7.1. Precautions for safe handling

	adequate ventilation of the working area. All handlers (including applicators) must wear long-sleeved shirt and long pants, and shoes plus socks. Wear suitable gloves. Wash hands thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet.
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7.2. Conditions for safe storage, including any incompatibilities

	Keep away from food, drink and animal feed and/ or feed products. Keep away from sources of ignition - No smoking. Keep only in the original container in a cool, well-ventilated place away from children and pets.
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7.3. Specific end use(s)

	See section 1.2 for further information.
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SECTION 8: Exposure controls/personal protection

8.2. Exposure controls

	
Appropriate engineering controls	Ensure adequate ventilation of the working area.
Individual protection measures	Wear suitable protective equipment.
Eye / face protection	Use as appropriate:. Suitable eye protection.
Skin protection - Hand protection	Wear:. Chemical resistant gloves. Wash hands after handling the product.
Respiratory protection	In case of insufficient ventilation, wear suitable respiratory equipment.
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

State	Pellets
Color	Blue
Odor	Characteristic/Mild
Odour threshold	No data available
pH	No data available
Melting point	Not applicable.
Freezing Point	No data available
Boiling point	Not applicable.
Flash point	No data available
Flammability limits	No data available
Vapor pressure	No data available
Vapor 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	Slightly soluble in water

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9.2. Other information

Bulk Density	0.48 - 0.64 g/cm ³
VOC (Volatile organic compounds)	No data available

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

	Keep away from combustible material.
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10.4. Conditions to avoid

	Avoid sparks, flames, heat and sources of ignition. Keep in a cool place away from children and pets.
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10.5. Incompatible materials

	Keep away from other chemicals.
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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	May be harmful by ingestion, inhalation or if absorbed through the skin.
Respiratory or skin sensitisation	May cause allergic reactions in susceptible people.
Carcinogenicity	Not found to be a potential carcinogen in the International Agency for Research on Cancer (IARC) Monographs, Volumes 1-112. Not listed in the National Toxicology Program (NTP) 13th Report on Carcinogens. Not listed in the OSHA standard 1910.1003 Carcinogens.
Reproductive toxicity	No teratogenic effects reported.
Repeated or prolonged exposure	Avoid prolonged or repeated exposure.

SECTION 12: Ecological information

12.2. Persistence and degradability

	More than 90% biodegradable.
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12.3. Bioaccumulative potential

	No data available.
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Partition coefficient

	Ramik® Oats No data available
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12.6. Other adverse effects

	May cause long-term adverse effects in the environment. Toxic to bees.
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Do not contaminate water by cleaning of equipment or disposal of wastes. Dispose of contents/container to an approved waste disposal facility. Follow label instructions.

SECTION 14: Transport information**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**

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.

US State Regulations:

New Jersey Right-to-Know Hazardous Substance List:
Diphacinone

Pennsylvania Right-to-Know Hazardous Substance List:
Diphacinone.

Rhode Island Right-to-Know Hazardous Substance List: Diphacinone.

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.

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Further information

FIFRA Warning	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.
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SECTION 16: Other information

Other information

Text of Hazard Statements in Section 3	<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

	<p>DISCLAIMER: The information and recommendations set forth herein ("Information") are presented in good faith and believed to be correct as of the date issued. No representation is made regarding the completeness or accuracy of the Information. Further, because of the many factors that affect the use of this product, the Information is supplied upon the condition that the person(s) receiving it will make their own determination regarding its suitability for their own unique purpose(s), prior to use.</p> <p>Except as expressly stated herein, NO WARRANTIES, GUARANTEES, OR REPRESENTATIONS OF ANY KIND, EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, IMPLIED WARRANTY OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, COURSE OF PERFORMANCE, USAGE OF TRADE, OR RESULTS TO BE OBTAINED BY USE OF THIS PRODUCT are made with respect to this product or use of this product. The product covered is furnished "as is" and only subject to the warranties herein provided, no liability is assumed resulting from the use of this product.</p>
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