



NEOGEN®

SAFETY DATA SHEET

according to 29 CFR 1910.1200

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SureKill™ Brand Guardian Blocks

Revision 0
Revision date 2017-08-10

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

1.1. Product identifier

Product name	SureKill™ Brand Guardian Blocks
Product code	116355

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

Description	Rodenticide.
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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	regulatorysupport@neogen.com

1.4. Emergency telephone number

Emergency telephone number	1 800 234-5333
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Further information


Emergency Telephone Number	Hotline Number: 1-800-498-5743 (United States and Canada), 1-651-523-0318 (All other areas).
Manufactured By	HACCO, Inc. 110 Hopkins Dr. Randolph, WI 53956-1316.
Registered By	HACCO, Inc.; a wholly owned subsidiary of Neogen Corporation.
EPA Registration No.	61282-26.

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

2.1.2. Classification - GHS	Skin Irrit. 2: H315; Eye Irrit. 2B: H320;
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2.2. Label elements

Hazard pictograms	
Signal Word	Warning
Hazard Statement	Skin Irrit. 2: H315 - Causes skin irritation.

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2.2. Label elements

Precautionary Statement: Prevention	Eye Irrit. 2B: H320 - Causes eye irritation.
	P264 - Wash thoroughly after handling. P280 - Wear protective gloves/protective clothing/eye protection/face protection.
Precautionary Statement: Response	P302+P352 - IF ON SKIN: Wash with plenty of water/ . P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P332+P313 - If skin irritation occurs: Get medical advice/attention. P337+P313 - If eye irritation persists: Get medical advice/attention.

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
Diphacinone		82-66-6	201-434-5		0 - 0.5%	Acute Tox. 2: H300; Acute Tox. 2: H310; Skin Irrit. 2: H315;
Oats, Rolled					10 - 20%	Acute Tox. 3: H301+H331; Skin Irrit. 2: H315; Eye Irrit. 2B: H320;
Xylene (Xylene (o, m & p isomers))	601-022-00-9	1330-20-7	215-535-7			Flam. Liq. 3: H226; Acute Tox. 4: H332; Acute Tox. 4: H312; Skin Irrit. 2: H315;

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.
Eye contact	Rinse immediately with plenty of water for 15 minutes holding the eyelids open. Remove contact lenses, if present and easy to do. Continue rinsing.
Skin contact	After contact with skin, take off immediately all contaminated clothing, and wash immediately with plenty of water.
Ingestion	Immediate medical attention is required. 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.

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

Inhalation	May cause irritation to respiratory system.
Eye contact	Causes eye irritation.
Skin contact	Harmful if absorbed through the skin.
Ingestion	Harmful if swallowed.

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

Eye contact	Immediate medical attention is required.
Skin contact	Immediate medical attention is required.
Ingestion	Immediate medical attention is required.

Further information

NOTE TO PHYSICIAN	If swallowed, this material may reduce the clotting ability of the blood and cause bleeding. If ingested, administer Vitamin K1, intramuscularly or orally. Repeat as necessary based on monitoring of prothrombin times.
TREATMENT FOR PET POISONING	If animal eats bait, call veterinarian or 1-800-498-5743 at once.

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Further information

NOTE TO VETERINARIAN	Anticoagulant Diphacinone: For animals ingesting bait and/or showing poisoning signs (bleeding or elevated prothrombin times), give Vitamin K1.
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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.

5.3. Advice for firefighters

Wear: Protective equipment. Self-contained breathing apparatus.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Avoid contact with skin and eyes. Wear suitable protective clothing, gloves and eye/face protection.

6.2. Environmental precautions

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 allow bait to be exposed on soil surface. Do not apply where runoff is likely to occur. Do not contaminate water when disposing of equipment wash water or rinsate.

6.3. Methods and material for containment and cleaning up

Sweep up. Dispose of in compliance with all local and national regulations.

6.4. Reference to other sections

See section 7, 8, 13 for further information.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

All handlers (including applicators) must wear long pants, shoes, socks and barrier laminate gloves. Any person who retrieves carcasses or unused bait following application of this product must wear barrier laminate gloves. Do not handle the product near food, animal foodstuffs, or drinking water. Wash hands after handling the product and dead rodents.

7.2. Conditions for safe storage, including any incompatibilities

Keep out of reach of children, pets, and non-target animals. Keep away from food, drink and animal feedingstuffs. Keep container tightly closed. Store in a cool, dry area.

Suitable packaging

Store in original container.

7.3. Specific end use(s)

See section 1.2 for further information.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Exposure Limit Values

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Exposure Limit Values

Oats, Rolled	ACGIH TLV TWA: 4mg/m ³ Notations: OSHA PEL 8hr TWA mg m ³ : 10mg/m ³	ACGIH TLV STEL: OSHA PEL 8hr TWA ppm: Skin Designation:
Wax (Paraffin wax fume)	ACGIH TLV TWA: 2 mg/m ³ Notations: - OSHA PEL 8hr TWA mg m ³ : -	ACGIH TLV STEL: - OSHA PEL 8hr TWA ppm: - Skin Designation: -
Xylene (Xylene (o, m & p isomers))	ACGIH TLV TWA: 100 ppm Notations: A4; BEI OSHA PEL 8hr TWA mg m ³ : 435	ACGIH TLV STEL: 150 ppm OSHA PEL 8hr TWA ppm: 100 Skin Designation: -

8.2. Exposure controls

Eye / face protection	Not normally required.
Skin protection - Hand protection	Any person who retrieves carcasses or unused bait following application of this product must wear barrier laminate gloves. Wash hands after handling the product and dead rodents.
Skin protection - Other	All handlers (including applicators) must wear long pants, shoes, socks and barrier laminate gloves.
Respiratory protection	Not normally required.
Thermal hazards	No data is available on this product.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

State	Solid
Color	Green/Yellow
Odor	Slight
Melting point	37 - 100 °C
Freezing Point	No data available
Odour threshold	No data available
Flammability limits	No data available
Relative density	No data available
Fat Solubility	No data available
Partition coefficient	No data available
Autoignition temperature	No data available
Explosive properties	No data available
Oxidising properties	No data available
Boiling point	> 300 °C
Flash point	> 175 °C
Evaporation rate	< 0.01
Vapor pressure	Not applicable.
Vapor density	Not applicable.
pH	Not applicable.
Viscosity	Not applicable.
Solubility	Insoluble in water

9.2. Other information

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9.2. Other information

Benzene Content	No data available
Lead content	No data available
VOC (Volatile organic compounds)	No data available
Conductivity	Not applicable.
Surface tension	Not applicable.
Gas group	Not applicable.

SECTION 10: Stability and reactivity

10.1. Reactivity

	No data is available on this product.
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10.2. Chemical stability

	Stable under normal conditions.
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10.3. Possibility of hazardous reactions

	No data is available on this product.
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10.4. Conditions to avoid

	Heat, sparks and open flames.
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10.6. Hazardous decomposition products

	Burning produces irritating, toxic and obnoxious fumes.
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SECTION 11: Toxicological information

11.1. Information on toxicological effects

Skin corrosion/irritation	No data is available on this product.
Serious eye damage/irritation	No data is available on this product.
Respiratory or skin sensitisation	No Significant Hazard.
Germ cell mutagenicity	No data is available on this product.
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 data is available on this product.
STOT-single exposure	May cause damage to human organs based on animal data.
STOT-repeated exposure	May cause damage to human organs based on animal data.
Aspiration hazard	No Significant Hazard.

11.1.4. Toxicological information

Diphacinone	Oral Rat LD50: 230 mg/kg	Dermal Rabbit LD50: 30,000 mg/kg
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SECTION 12: Ecological information

12.2. Persistence and degradability

	No data is available on this product.
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12.3. Bioaccumulative potential

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12.3. Bioaccumulative potential

No data is available on this product.

Partition coefficient

SureKill™ Brand Guardian Blocks	No data available	Wax <0.01
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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.

SECTION 13: Disposal considerations

Disposal methods

Dispose of in compliance with all local and national regulations.

Disposal of packaging

Dispose of in compliance with label directions. Dispose of in compliance with all local and national regulations. Do NOT reuse empty containers.

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.
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15.2. Chemical safety assessment

No data available.

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Inventories

Ingredient	TSCA	MA	SARA313	CALPROP65	CWA307	CAA112	CWA311	SARA302	SARA304
Diphacinone	N	N	N	N	N	N	N	Y 10/10,000	Y 10
Wax (Paraffin waxes and Hydrocarbon waxes)	Y	N	N	N	N	N	N	N	N
Xylene (Benzene, dimethyl-)	Y	Y	Y 1.0	N	N	Y	Y	N	N

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.
EPA Registration No.	61282-26.
FIFRA Signal Word	CAUTION.
FIFRA Warning	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.

SECTION 16: Other information

Other information

Text of Hazard Statements in Section 3	Acute Tox. 2: H300+H310 - Fatal if swallowed or in contact with skin Skin Irrit. 2: H315 - Causes skin irritation. Acute Tox. 3: H301+H331 - Toxic if swallowed or if inhaled Eye Irrit. 2B: H320 - Causes eye irritation. Flam. Liq. 3: H226 - Flammable liquid and vapour. Acute Tox. 4: H312 - Harmful in contact with skin. Acute Tox. 4: H332 - Harmful if inhaled.
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General information

	<p>HACCO, Inc. is a wholly owned subsidiary of Neogen Corporation.</p> <p>It is a violation of Federal law to use this product in a manner inconsistent with its labeling.</p> <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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