



NEOGEN[®]

SAFETY DATA SHEET according to 29 CFR 1910.1200

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SureKill™ Brand Assault 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 Assault Blocks |
| Product code | 112831 |

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 | regulatorysupport@neogen.com |

1.4. Emergency telephone number

| | |
|----------------------------|----------------|
| Emergency telephone number | 1 800 234-5333 |
|----------------------------|----------------|

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. | 61282-75. |

SECTION 2: Hazards identification

2.2. Label elements

| | |
|--------------|--|
| | No significant hazard for healthy adults. Keep away from small children, pets, and non-target animals. |
| Risk phrases | No Significant Hazard |

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 |
|---------------|-----------|------------|-----------|---------------------------|--------------|--|
| Bromethalin | | 63333-35-7 | 613-202-4 | | 0 - 0.5% | Acute Tox. 2: H300; Acute Tox. 4: H312; Eye Irrit. 2B: H320; Acute Tox. 1: H330; Aquatic Acute 2: H401; Aquatic Chronic 2: H411; |

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 | Do not induce vomiting unless told to do so by the poison control center or doctor. Have person sip a glass of water if able to swallow. |

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

| | |
|--------------|----------------------------------|
| Inhalation | No known adverse health effects. |
| Eye contact | May cause irritation to eyes. |
| Skin contact | Harmful in contact with skin. |
| Ingestion | Harmful if swallowed. |

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

| | |
|--------------|--|
| Inhalation | If you feel unwell, seek medical advice (show the label where possible). |
| Eye contact | Seek medical attention. |
| Skin contact | Seek medical attention. |
| Ingestion | Immediate medical attention is required. |

General information

| | |
|--|---|
| | NOTE TO PHYSICIAN OR VETERINARIAN: Contains the nerve poison Bromethalin. This is not an anticoagulant-type of rodenticide. For humans or animals ingesting bait and/or showing poisoning signs (such as muscle tremors, loss of hind limb use, or seizures for animals), limit absorption by either emesis or gastric lavage. Sub lethal symptoms, if present, would be the result of cerebral edema and should be treated accordingly through administration of an osmotic diuretic and corticosteroid. |
|--|---|

Further information

| | |
|--|--|
| | TREATMENT FOR PET POISONING: If animal eats bait, call veterinarian. |
|--|--|

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. |
|--|---|

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Avoid contact with eyes and skin. Wear suitable gloves.

6.2. Environmental precautions

This product is extremely toxic to mammals and birds. Dogs and scavenging mammals and birds might be poisoned if they feed upon animals that have eaten this bait.

6.3. Methods and material for containment and cleaning up

Sweep up. Clean area thoroughly with detergent. 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**

Do not handle the product near food, animal foodstuffs or drinking water. Keep out of reach of children, pets, and non-target animals. Avoid sparks, flames, heat and sources of ignition. Wash hands after handling the product and dead rodents.

7.2. Conditions for safe storage, including any incompatibilities

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

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**

| | | |
|--------------------------|---|---|
| Bromethalin | ACGIH TLV TWA: 5 mg/m ³ Notations: OSHA PEL 8hr TWA mg m ³ : | ACGIH TLV STEL: OSHA PEL 8hr TWA ppm: Skin Designation: |
| Glycerin (Glycerin mist) | ACGIH TLV TWA: 10 mg/m ³ Notations: - OSHA PEL 8hr TWA mg m ³ : 15 | ACGIH TLV STEL: - OSHA PEL 8hr TWA ppm: - Skin Designation: - |
| Propylene Glycol | ACGIH TLV TWA: Notations: OSHA PEL 8hr TWA mg m ³ : 10 | ACGIH TLV STEL: OSHA PEL 8hr TWA ppm: Skin Designation: |
| Sucrose | ACGIH TLV TWA: 10 mg/m ³ Notations: A4 OSHA PEL 8hr TWA mg m ³ : 15 | 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: - |

8.2. Exposure controls

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8.2. Exposure controls

| | |
|-----------------------------------|--|
| Appropriate engineering controls | 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 | Wear suitable protective clothing. 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 |
| Odor | Mild |
| pH | No data available |
| Melting point | 37 - 100 °C |
| Freezing Point | No data available |
| Oxidising properties | No data available |
| Autoignition temperature | No data available |
| Viscosity | Not applicable. |
| Explosive properties | No data available |
| Boiling point | > 300 °C |
| Flash point | > 175 °C |
| Evaporation rate | < 0.01 |
| Flammability limits | No data available |
| Vapor pressure | Not applicable. |
| Vapor density | Not applicable. |
| Relative density | No data available |
| Fat Solubility | No data available |
| Odour threshold | No data available |
| Solubility | Insoluble in water |

9.2. Other information

| | |
|----------------------------------|-------------------|
| Conductivity | No data available |
| Surface tension | Not applicable. |
| Gas group | Not applicable. |
| Benzene Content | Not applicable. |
| Lead content | Not applicable. |
| 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. |
|--|---------------------------------|

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10.3. Possibility of hazardous reactions

No data is available on this product.

10.4. Conditions to avoid

Heat, sparks and open flames.

10.5. Incompatible materials

No data available.

10.6. Hazardous decomposition products

Burning produces irritating, toxic and obnoxious fumes.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

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

11.1.4. Toxicological information

| | | |
|------------------|---|--|
| Bromethalin | Oral Rat LD50: 100 mg/kg Inhalation Rat LC50/4 h: 0.3 mg/L | Dermal Rabbit LD50: 10000 mg/kg |
| Glycerin | Inhalation Rat LC50/1 h: 570 Dermal Rabbit LD50: 21900 | Oral Rat LD50: 12600 Inhalation Rat LC50/4 h: 142.5 |
| Propylene Glycol | Inhalation Rat LC50/2 h: >317042 Oral Mouse LD50: 22000 | Oral Rat LD50: 20000 Dermal Rabbit LD50: 20800 |
| Sucrose | Oral Rat LD50: 29700 | |

SECTION 12: Ecological information

12.1. Toxicity

| | | |
|------------------|--|---|
| Bromethalin | Daphnia LC50/96h: 0.2 mg/L | Rainbow trout LC50/96h: 38 mg/L |
| Glycerin | Daphnia EC50/48h: 1000.0000 mg/l Daphnia LC50/24h: >1000 mg/L | Fish LC50/96h: 1000.0000 mg/l Bacteria EC10/18h: >10000 mg/L |
| Propylene Glycol | Algae IC50/72h: 100.0000 mg/l Fish LC50/24h: >5000 | Daphnia LC50/48h: >10000 Guppy LC50/96h: >10000 |

12.2. Persistence and degradability

No data available.

12.3. Bioaccumulative potential

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Partition coefficient

| | | |
|--|---|--|
| | Wax <0.01 Bromethalin No data available Propylene Glycol -1.07 | Sucrose No data available Glycerin -2.6 |
|--|---|--|

12.4. Mobility in soil

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

12.5. Results of PBT and vPvB assessment

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

12.6. Other adverse effects

| | |
|--|--|
| | This product is extremely toxic to mammals and birds. Dogs 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 all local and national regulations. |
|--|---|

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

15.2. Chemical safety assessment

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

Inventories

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Inventories

| Ingredient | TSCA | MA | SARA313 | CALPROP65 | CWA307 | CAA112 | CWA311 | SARA302 | SARA304 |
|---|------|----|---------|-----------|--------|--------|--------|---------|---------|
| Wax (Paraffin waxes and Hydrocarbon waxes) | Y | N | N | N | N | N | N | N | N |
| Sucrose (.alpha.-D-Glucopyranoside, .beta.-D-fructofuranosyl) | Y | N | N | N | N | N | N | N | N |
| Bromethalin | N | N | N | N | N | N | N | N | N |
| Glycerin (1,2,3-Propanetriol) | Y | N | N | N | N | N | N | N | N |
| Propylene Glycol (1,2-Propanediol) | Y | Y | N | N | N | N | N | 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. | 61282-75. |
| FIFRA Signal Word | CAUTION. |
| FIFRA Warning | Harmful if swallowed or absorbed through the skin. Causes moderate eye irritation. 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. Any person who retrieves carcasses or unused bait following application of this product must wear barrier laminate gloves. |

SECTION 16: Other information

Other information

| | |
|---|--|
| Text of Hazard Statements in Section 3 | Acute Tox. 2: H300 - Fatal if swallowed. Acute Tox. 4: H312 - Harmful in contact with skin. Eye Irrit. 2B: H320 - Causes eye irritation. Acute Tox. 1: H330 - Fatal if inhaled. Aquatic Acute 2: H401 - Toxic to aquatic life. Aquatic Chronic 2: H411 - Toxic to aquatic life with long lasting effects. |
|---|--|

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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