

SAFETY DATA SHEET

according to 29 CFR 1910.1200 and GHS

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Prozap® Zinc Phosphide Oat Bait

Revision 0
Revision date 2018-10-19

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

1.1. Product identifier

| | |
|--------------|---------------------------------|
| Product name | Prozap® Zinc Phosphide Oat Bait |
| Product code | 0002980, 0002985 |

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 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

2.1. Classification of the substance or mixture

| | |
|-----------------------------|---|
| 2.1.2. Classification - GHS | Acute Tox. 4: H302; Aquatic Acute 1: H400; Aquatic Chronic 3: H412; |
|-----------------------------|---|

2.2. Label elements

Hazard pictograms



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2.2. Label elements

| | |
|-------------------------------------|---|
| Signal Word | Warning |
| Hazard Statement | Acute Tox. 4: H302 - Harmful if swallowed. Aquatic Acute 1: H400 - Very toxic to aquatic life. Aquatic Chronic 3: H412 - Harmful to aquatic life with long lasting effects. |
| Precautionary Statement: Prevention | P264 - Wash thoroughly after handling. P270 - Do not eat, drink or smoke when using this product. P273 - Avoid release to the environment. |
| Precautionary Statement: Response | P301+P312 - IF SWALLOWED: Call a POISON CENTER/doctor/ /if you feel unwell. P330 - Rinse mouth. P391 - Collect spillage. |
| Precautionary Statement: Disposal | P501 - Dispose of contents/container to an approved waste disposal facility in accordance with local and national regulations. |

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 |
|---------------------|--------------|-----------|-----------|---------------------------|--------------|---|
| Trizinc diphosphide | 015-006-00-9 | 1314-84-7 | 215-244-5 | | 1 - 10% | Water-react. 1: H260; Acute Tox. 2: H300; Aquatic Acute 1: H400; Aquatic Chronic 1: H410; |

Further information

| | |
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| | 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. DO NOT DRINK WATER. Do not administer anything by mouth to an unconscious person. |

SECTION 5: Firefighting measures

5.1. Extinguishing media

| | |
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| | Use extinguishing media appropriate to the surrounding fire conditions. |
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5.2. Special hazards arising from the substance or mixture

| | |
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| | Burning produces irritating, toxic and obnoxious fumes. Do not allow runoff water to enter sewers or drains. |
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5.3. Advice for firefighters

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|--|---|
| | Wear suitable respiratory equipment when necessary. |
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SECTION 6: Accidental release measures

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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 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. |
|--|---|

7.2. Conditions for safe storage, including any incompatibilities

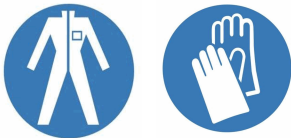
| | |
|--|--|
| | Keep away from food, drink and animal feed and/ or feed products. Keep away from sources of ignition - No smoking. Keep only in the original container in a cool, well-ventilated place away from children and pets. |
|--|--|

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

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9.1. Information on basic physical and chemical properties

| | |
|---------------------------------|---------------------------|
| State | Granules. |
| Color | Black/Dark grey |
| Odor | Characteristic |
| 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 |

9.2. Other information

| | |
|---|------------------------|
| Bulk Density | 0.68 g/cm ³ |
| 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

| | |
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| | Contact with water liberates toxic gas. |
|--|---|

10.4. Conditions to avoid

| | |
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| | Avoid sparks, flames, heat and sources of ignition. Keep in a cool place away from children and pets. |
|--|---|

10.5. Incompatible materials

| | |
|--|---|
| | Keep away from other chemicals. Keep away from water. |
|--|---|

10.6. Hazardous decomposition products

| | |
|--|-----------------------------|
| | Toxic fumes. Phosphine gas. |
|--|-----------------------------|

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. |

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11.1. Information on toxicological effects

| | |
|---|---|
| Reproductive toxicity Repeated or prolonged exposure | Not listed in the National Toxicology Program (NTP) 13th Report on Carcinogens. Not listed in the OSHA standard 1910.1003 Carcinogens. |
| | No teratogenic effects reported. |
| | Avoid prolonged or repeated exposure. |

11.1.4. Toxicological information

| | | |
|---------------------|-------------------------|--------------------------------|
| Trizinc diphosphide | Oral Rat LD50: 12 mg/kg | Dermal Rabbit LD50: 2000 mg/kg |
|---------------------|-------------------------|--------------------------------|

SECTION 12: Ecological information

12.2. Persistence and degradability

| | |
|--|------------------------------|
| | More than 90% biodegradable. |
|--|------------------------------|

12.3. Bioaccumulative potential

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

Partition coefficient

| | |
|--|---|
| | Prozap® Zinc Phosphide Oat Bait No data available |
|--|---|

12.6. Other adverse effects

| | |
|--|--|
| | May cause long-term adverse effects in the environment. Toxic to bees. |
|--|--|

SECTION 13: Disposal considerations

13.1. Waste treatment methods

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

Hazard pictograms

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

14.1. UN number

| | |
|--|--------|
| | UN2588 |
|--|--------|

14.2. UN proper shipping name

| | |
|--|--|
| | PESTICIDE, SOLID, TOXIC, N.O.S. (Zinc phosphide) |
|--|--|

14.3. Transport hazard class(es)

| | |
|-----------------|-----|
| DOT | 6.1 |
| Subsidiary risk | - |
| IMDG | 6.1 |
| Subsidiary risk | - |
| IATA | 6.1 |
| Subsidiary risk | - |

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14.4. Packing group

| | |
|---------------|----|
| Packing group | II |
|---------------|----|

14.5. Environmental hazards

| | |
|-----------------------|----|
| Environmental hazards | No |
| Marine pollutant | No |

DOT

| | |
|-----------------|-------|
| Hazard ID | 60 |
| Tunnel Category | (D/E) |

IMDG

| | |
|----------|---------|
| EmS Code | F-A S-A |
|----------|---------|

IATA

| | |
|---------------------------------|--------|
| Packing Instruction (Cargo) | 676 |
| Maximum quantity | 100 kg |
| Packing Instruction (Passenger) | 669 |
| Maximum quantity | 25 kg |

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

| | |
|--------------------|--|
| Regulations | <p>Hazard Communication Standard: 29 Code of Federal Regulations 1910.1200: Occupational Safety and Health Standards: Z: Toxic and Hazardous Substances: Hazard Communication.</p> <p>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.</p> <p>US State Regulations: New Jersey Right-to-Know Hazardous Substance List: Zinc phosphide</p> <p>Pennsylvania Right-to-Know Hazardous Substance List: Zinc phosphide.</p> <p>Rhode Island Right-to-Know Hazardous Substance List: Zinc phosphide.</p> |
|--------------------|--|

Inventories

| Ingredient | TSCA | MA | SARA313 | CALPROP65 | CWA307 | CAA112 | CWA311 | SARA302 | SARA304 |
|--|------|----|---------|-----------|--------|--------|--------|---------|---------|
| Trizinc diphosphide (Zinc phosphide (Zn ₃ P ₂)) | Y | N | N | N | N | N | Y | Y 500 | Y 100 |
| Activated Charcoal (Carbon) | Y | N | 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. |
| FIFRA Signal Word | CAUTION. |

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Further information

| | |
|---------------|---|
| FIFRA Warning | Hazards to humans and domestic animals. Harmful if swallowed, or absorbed through skin or inhaled. Causes moderate eye irritation. Avoid breathing dust. Avoid contact with eyes, skin or clothing. |
|---------------|---|

SECTION 16: Other information

Other information

| | |
|--|---|
| Text of Hazard Statements in Section 3 | <p>EUH029 - Contact with water liberates toxic gas. EUH032 - Contact with acids liberates very toxic gas. Water-react. 1: H260 - In contact with water releases flammable gases which may ignite spontaneously. Acute Tox. 2: H300 - Fatal if swallowed. Aquatic Acute 1: H400 - Very toxic to aquatic life. Aquatic Chronic 1: H410 - Very toxic to aquatic life with long lasting effects.</p> |
|--|---|

Further information

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|--|--|
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