SAFETY DATA SHEET

according to Hazardous Products Regulations (HPR)

Burrow Oat Bait

Revision 1
Revision date 2021-08-03

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

1.1. Product identifier

Product name	Burrow Oat Bait
Product code	0694120, 1241280
Registration No.	24795 PCP Act.

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

Description	Rodenticide. Only to be used by certified pest control operators, farmers, and persons authorized in government-approved pest control programs.

1.3. Details of the supplier of the safety data sheet

Company	Neogen Corporation
Address	620 Lesher 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	Acute Tox. 4: H302; Aquatic Chronic 3: H412;

2.2. Label elements

Copyright © 2021 ChemSoft. All rights reserved.

Powered by ChemSoft EH&S

Burrow Oat Bait

2.2. Label elements

Hazard pictograms	
Signal Word	Warning
Hazard Statement	Acute Tox. 4: H302 - Harmful if swallowed. 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 or doctor/physician if you feel unwell. P330 - Rinse mouth.
Precautionary Statement: Disposal	P501 - Dispose of contents/container to an approved waste disposal facility in accordance with local and national regulations.

2.3. Other hazards

Other hazards	Combustible dusts: May form combustible dust concentrations in air. Contains material(s) which may release flammable gas in contact with water.

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
Zinc phosphide		1314-84-7	215-244-5		2.0%	Water-react. 1: H260; Acute Tox. 3: H301; Aquatic Acute 1: H400; Aquatic Chronic 1: H410;

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, give artificial respiration using a bag-valve-mask device to prevent possible secondary exposure to phosphine gas to the first aid responder. Do not give mouth-to-mouth resuscitation. 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. Allow contaminated clothing to aerate in a well-ventilated area prior to laundering. Do not leave contaminated clothing in occupied and/or confined areas such as

Copyright © 2021 ChemSoft. All rights reserved.

Powered by ChemSoft EH&S

Burrow Oat Bait

Revision 1
Revision date 2021-08-03

4.1. Description of first aid measures

Ingestion	automobiles, vans, motel rooms, etc. Wash with soap and water. Call a poison control center or doctor for further treatment advice.
	Call a poison control center or doctor for treatment advice. DO NOT DRINK WATER. Do not give any liquid to the patient. 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 irritation to eyes.
Skin contact	May cause irritation to skin.
Ingestion	It is likely that exposure to this material will lead to spontaneous 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

	FIRST AID RESPONDER PROTECTION Phosphine gas is a highly toxic systemic poison and a severe respiratory tract irritant. Persons exposed to solid phosphides, which react with moisture to produce phosphine gas, can pose risks to others if phosphides are on clothes, skin, or hair. First aid responders should protect themselves through the use of appropriate personal protective equipment before attempting to rescue or care for a person who has been exposed to phosphine-releasing product, and/or if entering a zone with potentially unsafe phosphine levels. A NIOSH/MSHA/BHSE-approved organic vapour-removing cartridge with a NIOSH-approved particulate-filter respirator approved for pesticides or NIOSH/MSHA approved self-contained breathing apparatus (SCBA) operated in a positive pressure mode is recommended in response situations that involve exposure to unknown to unknown levels of phosphine. HAVE LABEL WITH YOU WHEN OBTAINING TREATMENT ADVICE. Follow label instructions.

SECTION 5: Firefighting measures

5.1. Extinguishing media

	Use extinguishing media appropriate to the surrounding fire conditions. Do NOT use water jet.

5.2. Special hazards arising from the substance or mixture

	Combustible dusts: May form combustible dust concentrations in air. Contains material(s) which may release flammable gas in contact with water. Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment. 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

Copyright © 2021 ChemSoft. All rights reserved.

Powered by ChemSoft EH&S

Burrow Oat Bait

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.

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

No occupational exposure limits known.

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. Allow contaminated clothing to aerate in a well-ventilated area prior to laundering. Do not leave contaminated clothing in occupied and/or

Copyright © 2021 ChemSoft. All rights reserved.

Powered by ChemSoft EH&S

Burrow Oat Bait

8.2. Exposure controls

	confined areas such as automobiles, vans, motel rooms, etc. 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

State	Granules.
Colour	Dark grey/Black
Odour	Characteristic/Unpleasant
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
Flammability limits	Combustible dusts
Vapour pressure	No data available
Vapour density	No data available
Relative density	0.68
Partition coefficient	No data available
Autoignition temperature	No data available
Viscosity	Not applicable.
Explosive	No data available
Oxidising	No data available
Solubility	Slightly soluble in water

9.2. Other information

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

SECTION 10: Stability and reactivity

10.1. Reactivity

	Contains material(s) which may release flammable gas in contact with water.

10.2. Chemical stability

	Stable under normal conditions.

Copyright © 2021 ChemSoft. All rights reserved.

Powered by ChemSoft EH&S

Burrow Oat Bait

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

Keep away from water. Avoid formation of dust. Avoid sparks, flames, heat and sources of ignition.

10.5. Incompatible materials

Water. Strong oxidising agents. Combustible materials.

10.6. Hazardous decomposition products

Phosphine gas. Carbon oxides.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity	Harmful if swallowed.
Skin corrosion/irritation	May cause irritation to skin.
Serious eye damage/irritation	May cause irritation to eyes.
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	Components(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

Burrow Oat Bait	**Oral Rat LD50:** 910 mg/kg	**Dermal Rabbit LD50:** >2000 mg/kg

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

Copyright © 2021 ChemSoft. All rights reserved.

Powered by ChemSoft EH&S

Burrow Oat Bait

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

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

	Burrow Oat Bait 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

Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans or other water.

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

Copyright © 2021 ChemSoft. All rights reserved.

Powered by ChemSoft EH&S

Burrow Oat Bait

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	
	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	WHMIS 2015 requirements as specified in the Hazardous Products Act (HPA) and the Hazardous Products Regulations (HPR).
	Domestic/Non-Domestic Substances Lists (DSL/NDSL): All ingredients listed or exempt., No restrictions. Toxic Substances Control Act (TSCA): All ingredients listed or exempt. Massachusetts Right-to-Know Hazardous Substance List: Zinc phosphide, CAS No. 1314-84-7. New Jersey Worker and Community Right to Know Act: Zinc phosphide, CAS No. 1314-84-7. Pennsylvania Right to Know Law: Zinc phosphide, CAS No. 1314-84-7. Rhode Island Right-to-Know General Law: This material contains no reportable components. California Proposition 65: This material contains no reportable components.

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

Copyright © 2021 ChemSoft. All rights reserved.

Powered by ChemSoft EH&S

Burrow Oat Bait

Revision 1
Revision date 2021-08-03

Further information

	workplace labels for non-pesticide chemicals. The hazard information in accordance to PMRA is listed on the product label and also includes other improtant information, including directions for use.
Signal Word	WARNING. POISON.
Label Precautions	Only to be used by certified pest control operators, farmers, and persons authorized in government-approved pest control programs. Read label before use. KEEP OUT OF REACH OF CHILDREN, PETS, AND LIVESTOCK. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet. Wash contaminated clothing, separately from other laundry, with detergent and water before reuse. Users should remove clothing immediately if pesticide gets inside. Chemical-resistant gloves must be worn when handling product and when disposing of dead rodents, unconsumed bait, and empty containers. May be fatal if swallowed. Avoid contact with skin or clothing. Do not breathe dust or vapour. Do not contaminate food or feed products by direct contact with pesticide.

SECTION 16: Other information

Other information

Revision	This document differs from the previous version in the following areas:. 1 - Description. 1 - Product Use. 1 - Registration No. 2 - Other hazards. 2 - 2.1. Classification of the substance or mixture. 2 - 2.1.2. Classification - GHS. 2 - Hazard pictograms. 2 - Signal Word. 2 - Precautionary Statement: Prevention. 2 - Precautionary Statement: Response. 2 - Precautionary Statement: Disposal. 2 - 2.1.2. Classification - GHS. 4 - Skin contact. 4 - Inhalation. 4 - Ingestion. 4 - Ingestion. 4 - Further information. 4 - NOTE TO PHYSICIAN OR VETERINARIAN. 5 - 5.1. Extinguishing media. 5 - 5.2. Special hazards arising from the substance or mixture. 8 - Skin protection - Other. 9 - 9.1. Information on basic physical and chemical properties (Odour). 9 - 9.1. Information on basic physical and chemical properties (Flammability limits). 9 - 9.1. Information on basic physical and chemical properties (Relative density). 9 - 9.1. Information on basic physical and chemical properties (Viscosity). 9 - 9.1. Information on basic physical and chemical properties (Fat Solubility). 9 - 9.1. Information on basic physical and chemical properties (Solubility). 9 - 9.2. Other information (Gas group). 9 - 9.2. Other information (Surface tension). 10 - 10.4. Conditions to avoid. 10 - 10.6. Hazardous decomposition products. 10 - 10.1. Reactivity.

Copyright © 2021 ChemSoft. All rights reserved.

Powered by ChemSoft EH&S

Burrow Oat Bait

Revision 1
Revision date 2021-08-03

Other information

	10 - 10.5. Incompatible materials. 11 - 11.1.4. Toxicological Information. 11 - Acute toxicity. 12 - 12.1. Toxicity. 12 - 12.6. Other adverse effects. 14 - ADR/RID. 14 - IMDG. 14 - IATA. 15 - Labelling. 15 - Hazard Statement. 15 - Safety phrases. 15 -. 15 - Additional Regulating Authority:. 15 - Signal Word. 15 - Label Precautions.
Acronyms	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.
Text of Hazard Statements in Section 3	Water-react. 1: H260 - In contact with water releases flammable gases which may ignite spontaneously. Acute Tox. 3: H301 - Toxic if swallowed. Aquatic Acute 1: H400 - Very toxic to aquatic life. Aquatic Chronic 1: H410 - Very toxic to aquatic life with long lasting effects.

Further information

	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. Except as expressly stated herein, NO WARRANTIES, GUARANTEES, OR REPRESENTATIONS OF ANY KIND, EXPRESS 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

Copyright © 2021 ChemSoft. All rights reserved.

Powered by ChemSoft EH&S

Burrow Oat Bait

Revision 1
Revision date 2021-08-03

Further information	
	furnished "as is" and only subject to the warranties herein provided, no liability is assumed resulting from the use of this product.

Copyright © 2021 ChemSoft. All rights reserved.

Powered by ChemSoft EH&S