



SAFETY DATA SHEET

according to WHS and ADG requirements

Page 1/10

Prozap® Zinc Phosphide Pellets

Revision 0
Revision date 2021-09-07

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

1.1. Product identifier

| | |
|------------------|--------------------------------|
| Product name | Prozap® Zinc Phosphide Pellets |
| Product code | 0283390-AUS |
| Registration No. | APVMA : 89431/124852. |

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

| | |
|-------------|---|
| Description | Rodenticide. This product is not to be available except to persons authorised or licensed under the relevant State or Territory Poisons Controls for schedule 7 poisons. |
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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 | SDS@neogen.com |

1.4. Emergency telephone number

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| | 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) |
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Further information

| | |
|--------------------------|---|
| Imported/Distributed By: | Poisons Information Centre Phone Australia: 13 11 26. |
| | Manufactured By:. HACCO, Inc. 110 Hopkins Dr. Randolph, WI 53956-1316 U.S.A. HACCO, Inc. is a wholly-owned subsidiary of Neogen Corporation. |
| | Details of the Australian Importer: Neogen Australasia Pty Limited Building 8126 Hall Road UQ Gatton Campus Gatton, QLD 4343, Australia Ph: +61 (7) 3736 2134. |

SECTION 2: Hazards identification


Prozap® Zinc Phosphide Pellets

Revision 0
Revision date 2021-09-07

2.1. Classification of the substance or mixture

| | |
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| 2.1.2. Classification - GHS | Acute Tox. 4: H302; Eye Irrit. 2B: H320; Carc. 1A: H350; STOT RE 2: H373; Aquatic Chronic 3: H412; |
|-----------------------------|--|

2.2. Label elements

| | |
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| Hazard pictograms |  |
| Signal Word | Danger |
| Hazard Statement | Acute Tox. 4: H302 - Harmful if swallowed. Eye Irrit. 2B: H320 - Causes eye irritation. Carc. 1A: H350 - May cause cancer . STOT RE 2: H373 - May cause damage to organs through prolonged or repeated exposure . Aquatic Chronic 3: H412 - Harmful to aquatic life with long lasting effects. |
| Precautionary Statement: Prevention | P202 - Do not handle until all safety precautions have been read and understood. P260 - Do not breathe dust/fume/gas/mist/vapours/spray. P264 - Wash thoroughly after handling. P270 - Do not eat, drink or smoke when using this product. P273 - Avoid release to the environment. P280 - Wear protective gloves/protective clothing/eye protection/face protection. |
| Precautionary Statement: Response | P301+P312 - IF SWALLOWED: Call a POISON CENTER/doctor/ /if you feel unwell. P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P308+P313 - IF exposed or concerned: Get medical advice/attention. P330 - Rinse mouth. |
| Precautionary Statement: Disposal | P501 - Dispose of contents/container to an approved hazardous/special waste disposal facility in accordance with local and national regulations |

2.3. Other hazards

| | |
|---------------|---|
| Other hazards | Contains material(s) which may release flammable gas in contact with water. |
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Further information

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| | Read the entire label and follow all use directions, restrictions, and precautions. |
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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 |
|----------------|-----------|-----------|-----------|---------------------------|--------------|---|
| Bentonite | | 1302-78-9 | 215-090-9 | | 1 - 10% | Carc. 1A: H350; STOT RE 1: H372; |
| 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

| | |
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| | Concentrations listed may not represent exact product specifications. |
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Further information

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| | Full text of Hazard Statements listed in this Section is provided in Section 16. |
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Prozap® Zinc Phosphide Pellets

Revision 0
Revision date 2021-09-07

SECTION 4: First aid measures

4.1. Description of first aid measures

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| Inhalation | Move the exposed person to fresh air. If breathing is difficult give oxygen. If breathing stops, provide artificial respiration. 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. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for further treatment advice. |
| Ingestion | Call a poison control center or doctor for treatment advice. Do not give any liquid to the patient. Do not administer anything by mouth. 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 | May cause irritation to eyes. |
| Skin contact | May cause irritation to skin. |
| Ingestion | Harmful if swallowed. Ingestion may cause nausea and vomiting. |

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

| | |
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| | 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. |
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Further information

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| NOTE TO PHYSICIAN OR VETERINARIAN | Refer to product label and/or package insert for additional information. Follow label instructions. Contains the Phosphine-producing active, Zinc Phosphide. Probable mucosal damage may contraindicate the use of gastric lavage. For animals ingesting tracking powder and/or showing poisoning signs, induce vomiting by using hydrogen peroxide. Sodium bicarbonate can be given orally to neutralize the stomach acidity. The stomach and intestinal tract can be evacuated, oxygen administered and cardiac and circulatory stimulants given. HAVE LABEL WITH YOU WHEN OBTAINING TREATMENT ADVICE. |
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SECTION 5: Firefighting measures

5.1. Extinguishing media

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| | Use as appropriate: Carbon dioxide (CO ₂), Dry chemical. Do NOT use water jet. |
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5.2. Special hazards arising from the substance or mixture

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| | Contains material(s) which may release flammable gas in contact with water. Contains substance(s) which are hazardous to the environment. Do not allow runoff water to enter sewers or drains. |
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5.3. Advice for firefighters

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| | Do not breathe dust or vapour. Wear self-contained breathing apparatus and chemical-protective clothing. |
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SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

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| | 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. |
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Prozap® Zinc Phosphide Pellets

Revision 0
Revision date 2021-09-07

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

8.1.1. Exposure Limit Values


| | | |
|---|----------------------|----------------|
| Propylene glycol (Propane-1,2-diol total: (vapour & particulates)) | TWA ppm: 150 | TWA mg/m3: 474 |
| | STEL ppm: - | STEL mg/m3: - |
| | Advisory Carc Cat: - | |
| Propylene glycol (Propane-1,2-diol: particulates only) | TWA ppm: - | TWA mg/m3: 10 |
| | STEL ppm: - | STEL mg/m3: - |
| | Advisory Carc Cat: - | |
| Sucrose | TWA ppm: - | TWA mg/m3: 10 |
| | STEL ppm: - | STEL mg/m3: - |
| | Advisory Carc Cat: - | |

8.2. Exposure controls

Prozap® Zinc Phosphide Pellets

Revision 0
Revision date 2021-09-07

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: barrier laminate 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. 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 barrier laminate gloves. 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

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| | Refer to product label for additional PPE requirements and recommendations. Follow label instructions. |
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SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

| | |
|---------------------------|---------------------------|
| Appearance | Pellets |
| Colour | Grey |
| Odour | Characteristic/Unpleasant |
| Odour threshold | No data available |
| pH | No data available |
| Melting point | No data available |
| Freezing Point | No data available |
| Initial boiling point | No data available |
| Flash point | No data available |
| Evaporation rate | No data available |
| Flammability (solid, gas) | No data available |
| Vapour pressure | No data available |
| Vapour 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

Prozap® Zinc Phosphide Pellets

Revision 0
Revision date 2021-09-07

9.2. Other information

| | |
|---|------------------------|
| Bulk Density | 39 lbs/ft ³ |
| VOC (Volatile organic compounds) | No data available |

SECTION 10: Stability and reactivity

10.1. Reactivity

| | |
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| | Contains material(s) which may release flammable gas in contact with water. |
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10.2. Chemical stability

| | |
|--|---------------------------------|
| | Stable under normal conditions. |
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10.3. Possibility of hazardous reactions

| | |
|--|---|
| | Under the specified conditions, hazardous reactions that lead to excessive temperatures or pressure are not expected. |
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10.4. Conditions to avoid

| | |
|--|-----------------------|
| | Keep away from water. |
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10.5. Incompatible materials

| | |
|--|---------------------------------|
| | Strong oxidising agents. Water. |
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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

| | |
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| Acute toxicity | Harmful if swallowed. May be harmful if absorbed through the skin, if inhaled. |
| Skin corrosion/irritation | May cause irritation to skin. |
| Serious eye damage/irritation | Causes moderate eye irritation. |
| Respiratory or skin sensitisation | May cause allergic reactions in susceptible people. |
| Germ cell mutagenicity | No mutagenic effects reported. |
| Carcinogenicity | Carcinogen category 1. 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. |
|--|---|

Prozap® Zinc Phosphide Pellets

Revision 0
Revision date 2021-09-07

11.1.3. Hazard Information

See Section(s) 2 and 3 for further information.

11.1.4. Toxicological Information

| | | |
|--------------------------------|--------------------------|--------------------------|
| Propylene glycol | Oral Rat LD50: 20000 | Dermal Rabbit LD50: 2000 |
| Prozap® Zinc Phosphide Pellets | Oral Rat LD50: 910 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

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.

BCF: Bioconcentration factor.

| | |
|------------------|---|
| Propylene glycol | BCF: Bioconcentration factor. 0.09 L/kg |
|------------------|---|

Partition coefficient

Prozap® Zinc Phosphide Pellets No data available Sucrose No data available

12.4. Mobility in soil

Prozap® Zinc Phosphide Pellets

Revision 0
Revision date 2021-09-07

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. 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 contaminate water when disposing of equipment wash water or rinsate.

Further information

Refer to product label and/or package insert for additional information.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Dispose of contents/container to an approved hazardous/special waste disposal facility in accordance with local and national regulations. Follow label instructions.

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

Prozap® Zinc Phosphide Pellets

Revision 0
Revision date 2021-09-07

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 | This document has been prepared in accordance with the requirements set out in the Work Health and Safety Regulation 2017 under the Work Health and Safety Act 2011. |
| Chemical Inventories/Right-to-Know Lists: | <p>Australian Dangerous Goods Code: Not applicable.</p> <p>Australian Inventory of Chemical Substances (AICS): All ingredients listed or exempt., No restrictions.</p> <p>Toxic Substances Control Act (TSCA): All ingredients listed or exempt.</p> <p>Massachusetts Right-to-Know Hazardous Substance List: Zinc phosphide, CAS No. 1314-84-7.</p> <p>New Jersey Worker and Community Right to Know Act: Zinc phosphide, CAS No. 1314-84-7.</p> <p>Pennsylvania Right to Know Law: Zinc phosphide, CAS No. 1314-84-7.</p> <p>Rhode Island Right-to-Know General Law: This material contains no reportable components.</p> <p>California Proposition 65: This material contains no reportable components.</p> |

Further information

| | |
|---|---|
| Additional Regulating Authority: | This product is regulated by and registered with the Australian Pesticides and Veterinary Medicines Authority. Label precautions are listed below:. |
| Label Precautions | <p>This product is not to be available except to persons authorised or licensed under the relevant State or Territory Poisons Controls for schedule 7 poisons.</p> <p>Keep out of reach of children.</p> <p>Poisonous if swallowed. Releases dangerous phosphine gas slowly in moist air and immediately if wet. Do not inhale vapour. Avoid contact with eyes and skin. Keep away from water and liquids. Keep away from naked flames - forms toxic gas. When opening the container and using baits wear elbow length PVC gloves and a full face respirator with combined dust and gas cartridge or supplied air respirator. Wash hands after use. After each day's use wash gloves and respirator and, if rubber, wash with detergent and warm water.</p> |

SECTION 16: Other information

Other information

| | |
|-----------------|---|
| Acronyms | <p>ADR/RID: European Agreements Concerning the International Carriage of Dangerous Goods by Rail (RID) and by Road (ADR).</p> <p>CAS No.: Chemical Abstracts Service.</p> <p>FIFRA: U.S. Federal Insecticide, Fungicide, and Rodenticide Act.</p> <p>GHS: Globally Harmonized System.</p> <p>HCS 2012: U.S. Hazard Communication Standard (2012 revision).</p> <p>IATA: International Air Transport Association.</p> <p>ICAO: International Civil Aviation Organisation.</p> <p>IMDG: International Maritime Dangerous Goods.</p> <p>LD: Lethal dose.</p> <p>OEL: Occupational exposure limit.</p> <p>OSHA: U.S. Occupational Safety and Health Administration.</p> <p>PEL: Permissible Exposure Limit.</p> <p>REACH: Registration, Evaluation, Authorisation, and Restriction of Chemicals.</p> <p>STOT: Specific Target Organ Toxicity.</p> <p>SVHC: Substance of very high concern.</p> <p>US DOT: United States Department of Transportation.</p> |
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Prozap® Zinc Phosphide Pellets

Revision 0
Revision date 2021-09-07

Other information

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| Text of Hazard Statements in Section 3 | VOC: Volatile Organic Compound. WEL: Workplace Exposure Limit. |
| | Carc. 1A: H350 - May cause cancer . STOT RE 1: H372 - Causes damage to organs through prolonged or repeated exposure . 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

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| | <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, 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 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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