



SAFETY DATA SHEET

IRONMAX PRO® SLUG AND SNAIL BAIT

Date of Issue: 23 February 2021

1. SUBSTANCE/PREPARATION AND COMPANY IDENTIFICATION

Chemical name of active ingredient(s): Ferric Phosphate
Recommended use: Molluscicide - Bait used for the control of snails and slugs

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2. HAZARDS IDENTIFICATION

Pictogram:



Hazard Classifications: 6.4A, 9.1D

Hazard Statement: Causes eye irritation.
Designed for biocidal action.

Precautionary Statements: Wash hands thoroughly after handling. Wear eye protection/face protection.
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.
Continue rinsing. If eye irritation persists: Get medical advice/attention.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance/preparation Information on hazardous ingredients

MIXTURE:

Common name	CAS No	%
Ferric Phosphate	10045-86-0	2.42%

4. FIRST-AID MEASURES

Description of necessary first aid measures:

GENERAL INFORMATION:

Remove the affected person from the work area. Take him to a well-ventilated place and protect him from hypothermia.

Do not administer anything orally and never make a drowsy, comatose or convulsive person vomit. Contact the poisons centre or a physician and show them the packing container or label.

If in doubt, contact the National Poisons Centre 0800 POISON (0800 764 766) or a doctor immediately.

No specific symptoms are known to date.

Effects and symptoms

First-aid measures

Inhalation:

Inhalation is not applicable as a route of exposure under normal conditions of use.

Ingestion:

Wash out mouth with plenty of water.

If swallowed, seek medical advice immediately and show the container/label/safety data sheet.

Do not induce vomiting unless told to do so by the poison control centre or doctor.

Skin contact:

Do not give anything by mouth to an unconscious person

Remove contaminated clothing. Launder before re-use.

Rinse skin immediately with soap and water.

Eye contact:

Hold eye open and rinse slowly and gently with water for 15-20 minutes.

Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.

Medical attention:

No known antidote, apply a symptomatic treatment.

5. FIRE-FIGHTING MEASURES

Extinguishing media:

Use foam, dry chemical, carbon dioxide, or water spray when fighting fires involving this material. Foam or dry chemical fire extinguishing system is preferred to prevent excessive water run-off.

Hazardous arising from the Mixture:

The mixture does not readily propagate combustion. Normal products of organic combustion will be released under conditions of pyrolysis or combustion.

Advice for fire-fighters:

Protective equipment for firefighting: Normal firefighting protective equipment.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures:

Operators must observe precautions in handling, storage and exposure controls sections of this safety data sheet. See also section 8 of this safety data sheet.

Environmental precautions:

Recover the product as much as possible, place it in a receptacle (drum), label and have it destroyed by an approved destroyer. Prevent entry to sewers and public waters. Notify the authorities if product enters sewers or public waters.

Methods and Material for Containment and Cleaning Up:

Do not empty into drains; dispose of this material and its container in a safe way (see section 13). Do not contaminate water with the product or its container. Do not clean application equipment near surface water. Avoid contamination via drains from farmyards and roads.

Gather the bait with tools (shovel, broom for example) while respecting the above-mentioned instructions for use. Retrieve the product by sweeping or suction. Place in a labelled receptacle (drum) and incinerate according to legislation or recycle. After removal, clean contaminated area with water and detergent. Avoid the entry of washings into drains or waterways.

7. HANDLING AND STORAGE

Precautions for Safe Handling

Read the label carefully before handling/use.

Conditions for Safe Storage, including any Incompatibilities

Protective equipment: see section 8.

Store securely. Keep away from food and out of reach of children. Store in original packaging.

Specific End Use:

This product is a molluscicide bait (for control of snails and slugs).

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control Parameters

Exposure control measures:

WHEN USING, DO NOT EAT, DRINK OR SMOKE. WASH HANDS before eating and drinking after work

Personal Protective Equipment

RESPIRATORY PROTECTION:

The mixture is a pellet so there is no risk of inhalation. Keep away from food and out of reach of children.

SKIN PROTECTION:

Wear protective clothing (coveralls).

HAND PROTECTION:

It is recommended that operators wear disposable latex or similar flexible gloves suitable for biological hazards. Care should be taken when removing and disposing of gloves. Users should wash hands immediately after handling.

EYE PROTECTION:

Avoid contact with eyes. Eye protection is not necessary if using according to recommendations

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:

Pellets

pH:

6 ± 1

ODOUR:

Cereal odour

MELTING POINT:

No data available.

DECOMPOSITION TEMPERATURE:

No data available.

FLAMMABILITY

Not flammable.

OXIDISING PROPERTIES:

Not oxidising

EXPLOSIVITY:

Does not have explosive potential

VAPOUR PRESSURE:

No data available

HENRY'S LAW CONSTANT:

No data available

10. STABILITY AND REACTIVITY

Stability:	The mixture is stable under normal ambient conditions.
Reactivity:	The mixture is not known to undergo hazardous reactions under normal handling conditions.
Conditions to avoid:	None
Incompatible Materials:	The mixture is not known to undergo hazardous reactions under normal handling conditions
Hazardous Decomposition Products:	The mixture is not known to produce hazardous decomposition products under normal storage conditions. Normal products of organic combustion will be released under conditions of pyrolysis or combustion.
Possibility of Hazardous Reactions:	The mixture is not known to undergo hazardous reactions under normal handling conditions.

11. TOXICOLOGICAL INFORMATION

Acute Toxicity:

Data on a Mixture Containing 30 g/kg of Ferric Phosphate:	LD50 oral: > 5000 mg/kg LD50 dermal: > 2000 mg/kg LC50 inhalation: Not applicable Eye irritation: Non-irritant Skin irritation: Non-irritant Sensitization: Non sensitizing
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Chronic toxicity:

No data available for the mixture.
Active Substance - Ferric Phosphate: Not classified based on available data

Carcinogenic data:

No data available.
Active Substance - Ferric Phosphate: Not classified based on available data

Mutagenic data:

No data available.
Active Substance - Ferric Phosphate: Not classified based on available data

Reproductive data:

No data available.
Active Substance - Ferric Phosphate: Not classified based on available data.

12. ECOLOGICAL INFORMATION

Aquatic acute toxicity: Data on a Mixture Containing 30 g/kg of Ferric Phosphate:	LC50 Fish (96 h.): >100 mg/L - (<i>Oncorhynchus mykiss</i>) Algae (72 h.): EyC50: >100 mg/L - ErC50: >100 mg/L – (<i>Pseudokirchneriella subcapitata</i>) EC50 Daphnia (48 h.): > 100 mg/L - (<i>Daphnia magna</i>)
Persistence and Degradability:	No data available for the mixture.
Bioaccumulative Potential:	No data available for the mixture.
Mobility in Soil:	No data available for the mixture.
Results of PBT and vPvB Assessment:	No data available for the mixture. The active substance, ferric phosphate, is not considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB).

13. DISPOSAL CONSIDERATIONS

Waste Treatment Methods	PRODUCT: Do not put in domestic waste. Do not release into drains or waterways. Refer to local waste and environmental regulations.
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Dispose of contents/container to a licensed hazardous-waste disposal contractor or collection site except for empty clean containers which can be disposed of as non-hazardous waste.

PACKAGING: Empty container completely and dispose of safely. Do not use original packaging or empty container for any other purpose.

14. TRANSPORT INFORMATION - International transport regulations

UN number:	This product is not classified as dangerous goods according to New Zealand regulations.
Transport Hazard Class:	This product is not classified as dangerous goods according to New Zealand regulations.
Packing Group:	This product is not classified as dangerous goods according to New Zealand regulations.
DG Classification:	Based on available information, not classified as a Dangerous Good for transport in New Zealand
Proper shipping name:	This product is not classified as dangerous goods according to New Zealand regulations
Environmental Hazards:	This product is not classified as dangerous goods according to New Zealand regulations.
Special Precautions for User: Transport in Bulk according to Annex II of MARPOL 73/78 and the IBC Code:	See Sections 6, 7 and 8 of this safety data sheet. Not regulated.

15. REGULATORY INFORMATION

Safety, Health and Environmental Regulations/Legislation Specific for the Substance

ACVM Registered Number:	Registered pursuant to the ACVM Act 1997, No. P009801 See www.foodsafety.govt.nz for registration conditions.
HSNO Approval Code:	Approved pursuant to the HSNO Act 1996, Approval Code HSR000143 See www.epa.govt.nz for approval control

16. OTHER INFORMATION

Additional information:	Original Issue Date: February 2021 Revision Date: Replaces:
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Disclaimer EXCLUSION OF LIABILITY: PLEASE READ

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