

SAFETY DATA SHEET

According to
HSNO Hazardous Substances (Safety Data Sheets) Notice 2017

Section 1. Identification of the material and the supplier

Product: **PAPP Paste A; PredaSTOP for Stoats/Cats**
 Product Use: Vertebrate Toxic Agent for use in bait stations as per label instructions.
 Restriction of Use: Refer to Section 15

New Zealand Supplier: **Connovation Limited**
 Address: 36 B Sir William Drive
 East Tamaki, Auckland

PO Box 58613
 Botany, Auckland, 2163

Telephone: +64 9 273 4333
 Fax: +64 9 374 4334
Emergency No: 0800 764 766 (National Poison Centre)

Date of SDS Preparation: 19 April 2023

Section 2. Hazards Identification

This substance is hazardous according to the EPA Hazardous Substances (Classification) Notice 2020

EPA Approval No: HSR100494

Pictograms



Signal Word: **DANGER**

GHS Classification and Category	Hazard Code	Hazard Statement
Acute oral toxicity Cat. 2	H300	Fatal if swallowed.
Specific target organ toxicity – repeated exposure Cat. 1	H372	Causes damage to organs through prolonged or repeated exposure.
Hazardous to terrestrial vertebrates	H431	Hazardous to terrestrial vertebrates

Prevention Code	Prevention Statement
P102	Keep out of reach of children.
P103	Read carefully and follow all instructions.
P260	Do not breathe dust, fumes, gas, mist, vapours or spray.
P264	Wash hands thoroughly after handling.
P270	Do not eat, drink or smoke when using this product.
P273	Avoid release to the environment.

Response Code	Response Statement
P314	Get medical advice/attention if you feel unwell.
P330	Rinse mouth.
P391	Collect spillage.
P301 + P310	IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.

Storage Code	Storage Statement
P405	Store locked up.

Disposal Code	Disposal Statement
P501	Dispose of according to Local Regulations or Authorities

Section 3. Composition / Information on Hazardous Ingredients
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Ingredients	Molecular Weight	CAS NUMBER.
Para-aminopropiophenone/ 4'-Aminopropiophenone	90	70-69-9

Section 4. First Aid Measures

Routes of Exposure:

If in Eyes Will cause irritation and redness. Flood eye gently with clean fresh running water. Continue rinsing for at least 15 minutes. Take care not to rinse contaminated water into a non-affected eye. Remove contact lenses, if present and easy to do so. Obtain medical advice as soon as possible.

If on Skin May cause irritation or redness. Remove any contaminated clothing. Wash affected area thoroughly to ensure all product is removed. Seek medical advice.

If Swallowed Will cause methemoglobinemia. The blood will not transport oxygen. Lethargy, lack of coordination, dizziness and pale extremities are all symptoms of PredaSTOP poisoning. Rinse mouth. Call poisons centre or call a doctor immediately. Do not induce vomiting unless advised by poisons centre or a doctor.

If Inhaled Will cause methemoglobinemia. The blood will not transport oxygen. Lethargy, lack of coordination, dizziness and pale extremities are all symptoms of PredaSTOP poisoning. A very unlikely exposure route for the type of product and use. Move person to fresh air and keep warm and at rest in a position comfortable for breathing. Seek medical advice if symptoms are present. If the person is not breathing, begin artificial respiration using mouth to nose rather than mouth to mouth. Seek medical attention.

Most important symptoms and effects, both acute and delayed

Symptoms: Fatal if swallowed.

Will cause methemaglobineamea. The blood will not transport oxygen. Lethargy, lack of coordination, dizziness and pale extremities are all symptoms of PredaSTOP poisoning.

Causes damage to organs through prolonged or repeated exposure.

Section 5. Fire Fighting Measures

Hazard Type	Non Flammable
Hazards from products	Avoid breathing smoke.
Suitable Extinguishing media	Water spray, foam, CO2 or dry chemical appropriate to surrounding materials.
Precautions for firefighters and special protective clothing	Wear self-contained breathing apparatus and personal protection clothing.
HAZCHEM CODE	2X

Section 6. Accidental Release Measures

Wear protective gear as detailed in Section 8. Evacuate all unnecessary personnel.

Do not allow to contaminate watercourses or the ground.

Contain spill. Keep dry. Do not contaminate watercourses or the ground.

Wear personal protective equipment and transfer to suitable labeled container for re-use if not damaged, or for disposal. In event of major spill, inform Fire Service via 111 and then local Health Protection Officer at the Public Health Unit or hospital.

Section 7. Handling and Storage**Precautions for Handling:**

- Keep out of reach of children.
- Read carefully and follow all instructions.
- Do not breathe dust, fumes, gas, mist, vapours or spray.
- Do not eat, drink or smoke when using this product.
- Avoid release to the environment.
- To be under the control of a Certified Handler unless locked up.
- Only for use as VTA by person with Controlled Substance License.
- Wear protective clothing worn outside boots and impervious rubber or PVC gloves.
- Wash protective clothing and equipment daily after work and separate to household laundry.
- Remove protective clothing and wash hands and any exposed skin thoroughly before meals and rest breaks.

Precautions for Storage:

- Store away from incompatible materials listed in Section 10.
- Store locked up.
- Store in tightly closed original container and secure (locked up) in a cool dry place out of reach of children and pets and away from any food, drink and animal foodstuffs.

Section 8 Exposure Controls / Personal Protection**WORKPLACE EXPOSURE STANDARDS (provided for guidance only)**

Substance	TWA	STEL
	ppm mg/m ³	ppm mg/m ³

No ingredients have exposure limits

Workplace Exposure Standard – Time Weighted Average (WES-TWA). The time-weighted average exposure standard designed to protect the worker from the effects of long-term exposure. Workplace Exposure Standard – Short-Term Exposure Limit (WESSTEL). The 15-minute average exposure standard. Applies to any 15- Minute period in the working day and is designed to protect the worker against adverse effects of irritation, chronic or irreversible tissue change, or narcosis that may increase the likelihood of accidents. The WES-STEL is not an alternative to the WES-TWA; both the

Engineering Controls

None set.

Personal Protective Equipment



Eyes	Not required.
Hands	Impervious rubber or neoprene gloves.
Skin	Overalls work outside boots. After use, wash protective equipment including the inside of gloves. Dry before use.
Respiratory	Not specific recommendation. Not expected as exposure risk.
General	Wash hands after use and before eating.

Section 9 Physical and Chemical Properties

Appearance	Grainy Paste
Colour	Green
Odour	Not available
Odour Threshold	Not available
pH	Not available
Boiling Point	Not available
Melting Point	Not available
Freezing Point	Not available
Flash Point	Not available
Flammability	Not flammable
Upper and Lower Explosive Limits	Not available
Vapour Pressure	Not available
Vapour Density	Not available
Density @ 20°C	1.05-1.10
Water Solubility	Not available
Partition Coefficient:	Not available
Auto-ignition Temperature	Not available
Decomposition Temperature	Not available
Viscosity Agent	>50
Particle Characteristics	Not available
Para-aminopropiophenone	35-45
Binder	<10
Anti-emetic	<1

Section 10. Stability and Reactivity

Stability of Substance	This product is stable under normal conditions.
Possibility of hazardous reactions	Not available
Conditions to Avoid	No data available.
Incompatible Materials	No data available.
Hazardous Decomposition Products	No specific hazardous compounds identified.

Section 11 Toxicological Information**Acute Effects:**

Swallowed	Fatal if swallowed. PAPP administered parenterally or orally cause the oxidation of haemoglobin to methaemoglobin, i.e. affects the blood and hematopoietic system.
Dermal	Not classified.
Inhalation	Not classified.
Eye	Not classified.
Skin	Not classified.

Chronic Effects:

Carcinogenicity	Not classified.
Reproductive Toxicity	Not classified.
Germ Cell Mutagenicity	Not classified.
Aspiration	Not classified.
STOT/SE	Not classified.
STOT/RE	Causes damage to organs through prolonged or repeated exposure.

Section 12. Ecotoxicological Information**Ecotoxicity**

May be harmful to aquatic life. Product is a Vertebrate Toxic Agent (VTA) so potential for harm to non-target terrestrial vertebrates. Avoid exposure to non-target species including domestic pets and birds. If poisoning suspected of domestic animals or livestock, consult a veterinarian immediately. Product contains an anti-emetic. Administration of methylene blue antidote may be an option for non-target animals.

Persistence and degradability	No data available.
Bioaccumulation	No data available.
Mobility in Soil	No data available.
Other adverse effects	No data available.

Section 13. Disposal Considerations**Disposal Method:**

Dispose of waste in accordance with Regional Authority or local Council bylaws. Dispose of empty containers safely. Crush and dispose of clean dry containers by burying to a depth of 60 cm with biologically active organic matter in an approved landfill. Do not use empty containers for storing other products. Incineration of waste material is also possible in suitably approved and located facilities.

Precautions or methods to avoid: Avoid unintended release to the environment. Do not use empty containers for storing other products.

Section 14 Transport Information

This product is classified as a Dangerous Good for transport in NZ ; NZS 5433:2020

**Road, Rail, Sea and Air Transport**

UN No	2588
Class - Primary	6

Packing Group	II
Proper Shipping Name	PESTICIDE, TOXIC, SOLID, N.O.S
Marine Pollutant	No
Special Provisions	If the product's individual container is below 500g, it can be transported as a non-DG as long as the product packaging is still labelled as per DG requirements and the driver is given safety information in accordance with Chapter 3.4 of the UNRTDG.

Section 15	Regulatory Information
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This substance is classified hazardous according to the EPA Hazardous Substances (Classification) Notice 2020

EPA Approval Code: HSR100494

Refer to www.epa.govt.co.nz for full control document

HSW (HS) Regulations 2017 and EPA Notices	Trigger Quantity
Certified Handler	Any
Location Certificate	250kg
Tracking Trigger Quantities	Any
Signage Trigger Quantities	250kg
Emergency Response Plan	100kg
Secondary Containment	100kg
Restrictions of Use	
77A – Permissions – requirements relating to permissions from the Authority under section 95A of the HSNO Act 1996	No person may apply or otherwise use this substance on land administered or managed by the Department of Conservation unless the person first obtains a Permission under section 95A of the Act from the Authority.
77A – Vertebrate toxic agent – formulation change notification	<p>Variation-</p> <p>Any changes to the composition or proposed use of this substance must be notified to the Authority in writing before the substance is used. The notification should include the following information, as applicable:</p> <p>(a) the name of substance and HSNO approval number;</p> <p>(b) details of the original formulation;</p> <p>(c) details of the revised formulation clearly identifying the changed ingredients, their function in the bait, and their concentration and CAS number if appropriate;</p> <p>(d) the physical form, if different from the original;</p> <p>(e) bait colour;</p> <p>(f) changes in bait size;</p> <p>(g) the intended use(s) of the substance (to include target species, method(s) of release);</p> <p>(h) change in food bait where the substance requires mixing with bait prior to use;</p> <p>(i) the physical properties of the substance (for example, flashpoint, pH) if different from the original;</p> <p>(j) the impurity profile and source of the 'active' ingredient, if different from the original;</p>

	<p>(k) any information on the effect that the formulation change may have on the risk profile of the substance, including the results of any palatability or field trials undertaken on both target and non-target species.</p>
<p>77A - Vertebrate toxic agent - notification of application</p>	<p>Variation:</p> <p>(1) No person may apply, or engage to apply, this substance unless that person has given notice of the proposed application to occupiers and, as far as practicable owners, of land, dwellings or buildings within 3 km of any intended bait station site.</p> <p>(2) The notice referred to in subclause (1) must—</p> <p>(a) be given with sufficient prior notification, no less than 24 hours, but no more than 2 months, before the proposed application and, if requested by the person notified, shall be repeated at a mutually agreed time before the proposed application; and</p> <p>(b) specify the following:</p> <p>(i) the approximate date on which the substance will be applied;</p> <p>(ii) the name and nature of the substance;</p> <p>(iii) the risks to companion animals and details of antidotes;</p> <p>(iv) a description of the area within which the substance will be applied, including—</p> <p>(A) the boundaries of the area; and</p> <p>(B) districts, roads and other commonly known features that may identify the place;</p> <p>(v) the name, address and contact details of the person responsible for the application of the substance.</p>
<p>77A – Vertebrate toxic agent – spillage reporting requirements</p>	<p>Variation:</p> <p>If this substance is applied other than in the intended application area, or is lost or spilt, the person who is in possession of the substance at the time that it was misapplied, lost, or spilt must report the nature and quantity of the substance within 24 hours of the substance being misapplied, lost, or spilt to—</p> <p>(a) if a Permission was granted to apply or otherwise use the substance, the person who granted the Permission; and</p> <p>(b) the officer in charge of the nearest police station to which the person has access; and</p> <p>(c) the nearest Medical Officer of Health or the Medical Officer of Health in whose region the substance was misapplied, lost, or spilt; and</p> <p>(d) each owner or occupier of land on which the substance may have been misapplied, lost, or spilt; and</p>

	(e) the person on whose behalf the substance is being applied; and (f) the Regional Councils or councils in whose area the substance is being applied; and (g) the Authority.
Property Controls	
HPC Notice Part 4 Subpart B – Use of ecotoxic substances in any place	Variation: In accordance with clause 56(1)(c) of the Hazardous Property Controls Notice, the Authority has specified that this substance must only be used in bait stations. The bait station design must be appropriate to the target pest, while excluding non-target species and minimising access by unauthorised persons. Examples of bait stations that meet these requirements are: DoC 200 bait stations, wooden 'submarine' bait stations and stoat tunnels. In accordance with clause 56(1)(b) and (d) of the Hazardous Property Controls Notice, the baits will be prepared using minced meat and users will follow the "Bait Preparation Instructions" provided by the manufacturer.

ACVM Act and Regulations	
ACVM Approval No See www.foodsafety.govt.nz for registration controls	V009541

Section 16	Other Information
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Glossary

Cat	Category
EC ₅₀	Median effective concentration.
EEL	Environmental Exposure Limit.
EPA	Environmental Protection Authority
HSNO	Hazardous Substances and New Organisms.
HSW	Health and Safety at Work.
LC ₅₀	Lethal concentration that will kill 50% of the test organisms inhaling or ingesting it.
LD ₅₀	Lethal dose to kill 50% of test animals/organisms.
LEL	Lower explosive level.
OSHA	American Occupational Safety and Health Administration.
TEL	Tolerable Exposure Limit.
TLV	Threshold Limit Value-an exposure limit set by responsible authority.
UEL	Upper Explosive Level
WES	Workplace Exposure Limit

References:

1. EPA Hazardous Substances (Safety Data Sheets) Notice 2017
2. Workplace Exposure Standards and Biological Exposure Indices APRIL 2022 edition.
3. Assigning a hazardous substance to a HSNO Approval (Aug 2013).
4. Transport of Dangerous goods on land NZS 5433:2020
5. HSW (Hazardous Substances) Regulations 2017

Disclaimer

This document has been prepared by TCC (NZ) Ltd and serves as the suppliers Safety Data Sheet ('SDS'). It is based on information concerning the product which has been provided to TCC (NZ) Ltd or obtained from third party sources and is believed to represent the current state of knowledge as to the appropriate safety and handling precautions for the product at the time of issue. Further clarification regarding any aspect of the product should be obtained directly from the manufacturer. While TCC (NZ) have taken all due care to include accurate and up-to-date information in this SDS, it does not provide any warranty as to accuracy or completeness. As far as lawfully possible, TCC (NZ) Ltd accept no liability for any loss, injury or damage (including consequential loss) which may be suffered or incurred by any person as a consequence of their reliance on the information contained in this SDS

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Please contact the New Zealand distributor, if further information is required.

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