
MATERIAL SAFETY DATA SHEET

Section 1: IDENTIFICATION of CHEMICAL PRODUCT and COMPANY

Product Name:	Promectin Worm and Bot Paste for Horses
Product Code:	502140 (32.4g syringe)
Recommended Use:	Oral paste for the treatment of roundworms, tapeworms and bots in horses
Company Identification:	Jurox Pty Limited
Address:	85 Gardiner Street Rutherford NSW 2320 Australia
Customer Centre:	1800 023 312
National Poisons Information Centre:	131126 (Australia-wide) (Monday – Friday, 9.00a.m. – 5.00 p.m.)
Emergency Telephone Number:	1800 023 312

Section 2: HAZARDS IDENTIFICATION

Hazard Classifications:	Not considered a hazardous substance according to the criteria of NOHSC Australia. Not considered a Dangerous Good according to the criteria of the Australian Dangerous Goods (ADG) Code.
Poisons Schedule:	S5
Risk phrases:	Harmful to aquatic organisms Ingestion may produce health damage (limited evidence) May produce skin discomfort (limited evidence) Cumulative effects may result following exposure (limited evidence)
Safety phrases:	Keep out of reach of children Read label before use Do not handle until all safety precautions have been read and understood Avoid contact with skin

Section 3: COMPOSITION / INFORMATION on INGREDIENTS

INGREDIENT	CAS No.	CONTENT
Abamectin	71751-41-2	0.37%
Starch	9005-25-8	10 - 29%
Glycols		30 - 60%
Other ingredients determined not to be hazardous		to 100%

Section 4: FIRST AID MEASURES

First Aid Measures:	Consult the National Poisons Centre on 131126 or a doctor immediately in every case of suspected chemical poisoning. Never give fluids or induce vomiting if a patient is unconscious or convulsing regardless of cause of injury. If medical advice/attention is needed, have product container or label at hand.
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Inhalation:	Remove patient to fresh air. Lay patient down and keep warm and rested. If breathing is shallow or has stopped, ensure airway is clear and apply resuscitation. If breathing is difficult, give oxygen. Seek medical assistance immediately.
Ingestion:	If swallowed, DO NOT induce vomiting. Rinse mouth. Keep subject warm and at rest. For advice, contact the National Poisons Centre on 131126. Seek medical assistance immediately.
Skin:	If skin contact occurs, wash affected area thoroughly with plenty of soap and water for at least 15 minutes. If skin irritation or rash occurs, get medical advice/attention. Remove and wash contaminated clothing before re-use.
Eye:	If eye contact occurs, rinse cautiously with water for at least 15 minutes. Continue rinsing. If eye irritation persists, get medical advice/attention.
Advice to Doctor:	No specific antidote. Treat symptomatically. Abamectin may cause neurological symptoms. If vomiting is induced, suggest endotracheal and/or oesophageal control. Danger from lung aspiration must be weighed against toxicity when considering emptying the stomach. Only induce vomiting if conscious. NOTE: wear a protective glove when inducing vomiting by mechanical means.

Section 5: FIRE FIGHTING MEASURES

Flash Point:	Not flammable.
Hazardous Combustion Products:	If involved in a fire, may emit noxious fumes. Non-combustible – not considered to be a significant fire risk.
Extinguishing Media:	There is no restriction on the type of extinguisher which may be used. Use extinguishing media suitable for surrounding area.
Protective Equipment:	Gas-tight chemical resistant suit, protective gloves and breathing apparatus
HAZCHEM Code:	None specified

Section 6: ACCIDENTAL RELEASE MEASURES

Spills and Disposal:	Wear appropriate protective clothing. Exclude non-essential people from the area. Contain spill and sweep up / absorb with inert material such as soil, sand or absorbent granules and place in a sealable waste container. Ventilate area and wash spill site after pick-up complete. Dispose of waste safely in an approved landfill.
Protective Clothing:	For appropriate personal protective equipment see section 8.
Environmental Precautions:	Prevent from entering drains, waterways or sewers. If spill does enter waterways contact local authority.

Section 7: HANDLING AND STORAGE

Handling:	Keep out of reach of children. Avoid contact with skin, eyes and inhalation of vapours. Use personal protective equipment as required.
Storage:	Keep out of reach of children. Store below 30°C, under secure conditions away from foodstuffs.
Other Information:	Always read the label before use. See label for further information on handling and storage.

Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Limits:	No exposure limits have been assigned for this product. Avoid breathing vapours. Do not handle until all safety precautions have been read and understood. Avoid contact during pregnancy/while nursing.
Protective Equipment:	When using the product, wear chemical protective gloves (e.g. PVC), clothing and eyewear (e.g. safety glasses with side shields or chemical goggles).
Engineering Controls:	Handle in a well ventilated area
Hygiene Precautions:	Do not eat, drink or smoke while using this product. Remove protective clothing and wash hands and face thoroughly before meals and after handling. Wash protective clothing daily after work. Contaminated clothing should not be allowed out of the workplace.

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Greyish – light brown paste
Specific Gravity:	Not applicable
Solubility in Water:	Miscible with water
Flash Point:	Not flammable
pH:	Not applicable

Section 10: STABILITY AND REACTIVITY

Stability:	When stored appropriately this product should show no significant degradation for at least 24 months from the date of manufacture
Hazardous Polymerisation:	Not known to occur
Materials to Avoid:	Not applicable

Section 11: TOXICOLOGICAL INFORMATION

Inhalation:	Inhalation of vapours could be harmful.
Ingestion:	Harmful if swallowed. Abamectin may cause neurological symptoms. Abamectin: Oral LD ₅₀ 11 mg/kg (rat), 14 mg/kg (mouse)
Skin:	The paste may be miscible with fats or oils and may decrease the skin, producing a skin reaction described as non-allergic contact dermatitis.
Eye:	May cause transient discomfort.
Chronic Effects:	There is limited evidence that skin contact with this product is more likely to cause a sensitisation reaction in some persons compared to the general population. Sensitisation may result in allergic dermatitis responses including rash, itching, hives or swelling of extremities. Animal studies indicate that the nervous system is a primary target organ for toxicity.
Reproductive Toxicity:	There is some evidence from animal testing that exposure to this material may result in toxic effects to the foetus, and may be harmful to development of breast-fed children.
Mutagenicity:	Not considered to be mutagenic, based on the results of animal studies.
Carcinogenicity:	Not considered to be carcinogenic, based on the results of animal studies.

Section 12: ECOLOGICAL INFORMATION

Ecotoxicity:	Harmful in the aquatic environment. Abamectin: Acute oral LD ₅₀ : 84.6 mg/kg (mallard ducks), >2000 mg/kg (bobwhite quail) Fish LC ₅₀ (96 h): 3.2 ug/L (rainbow trout), 9.6 ug/L (bluegill sunfish), 24 ug/L (channel catfish), 42 ug/L (carp) Daphnia EC ₅₀ (48 h) 0.34 ppb Other LC ₅₀ (96 h) 1.6 ppb (pink shrimp), 0.022 ppb (mysid shrimp), 153 ppb (blue crab)
Bioaccumulation:	No bioaccumulation.

Section 13: DISPOSAL INFORMATION

Product Disposal:	Dispose of product only by using according to label or at an approved landfill.
Container Disposal:	Wrap with paper and place in garbage.

Section 14: TRANSPORT INFORMATION

Dangerous Goods Classification:	Not classed as a Dangerous Good for transport purposes by road, sea or air
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Section 15: REGULATORY INFORMATION

APVMA Registration No: 53622

Section 16: OTHER INFORMATION

This information is based on data believed by Jurox Pty Limited to be accurate at the time of writing but is subject to change without notice. It is given in good faith, but no warranty expressed or implied is made as to its accuracy, completeness otherwise and no assumption of liability from howsoever arising is made by Jurox Pty Limited by reason of the provision of this information. Every person dealing with the materials referred to herein does so at his/her own risk absolutely and must make independent determinations of suitability and completeness of information from all sources to ensure their proper use.