



iMEC with TAPE ORAL BROAD SPECTRUM WORMER AND BOTICIDE FOR HORSES

Abbey Animal Health Pty Ltd
SAFETY DATA SHEET

Section 1- Identification of Product and Supplier

Supplier Company Details: Abbey Animal Health Pty Ltd

Address: 16 Voyager Circuit, Glendenning NSW 2761, Australia

Telephone Number: 02 8088 0720

Facsimile Number: 02 8088 0721

Emergency Number: Australian Poisons Information Centre: 13 11 26 (24 Hour service).

PRODUCT NAME

iMEC with TAPE ORAL BROAD SPECTRUM WORMER AND BOTICIDE FOR HORSES

PRODUCT USE

For the treatment and control of intestinal round worms (including larval stages of strongylus vulgaris in intestinal arteries and benzimidazole resistant strongyles), lungworms, tapeworms, bots, and skin lesions caused by Habronema and Draschia spp. (summer sores) and onchocerca spp. microfilariae (cutaneous onchocerciasis).

Section 2- Hazards Identification

Statement of Hazardous Nature

This product is classified as: Classified as hazardous according to the criteria of SWA.

ADG Classification: None allocated. Not a Dangerous Good according to Australian Dangerous Goods (ADG) Code criteria when transported by road or rail. Refer to Section 14.

GHS Signal word: Danger

GHS Classification:

Acute Toxicity Category 3

Toxic to reproduction- Category 1A/1B

Reproductive Toxicity – Effects on or via lactation.

Pictogram:



HAZARD STATEMENT(S)

H301: Toxic if swallowed.

H360: May damage fertility or the unborn child.

H362: May cause harm to breastfed children.

PREVENTION

P201: Obtain special instructions before use.

P202: Do not handle until all safety precautions have been read and understood.

P280: Wear protective gloves/protective clothing. Wear eye protection/face protection.

RESPONSE

P301 + P310: IF SWALLOWED: Call a POISON CENTRE or doctor/physician if you feel unwell.

P321: Specific treatment (see on this label)

P330: Rinse mouth.

P308 + P313 IF exposed or concerned: Get medical advice/ attention.

STORAGE

P405: Store locked up.

DISPOSAL

P501: Dispose of contents/container in accordance with local/regional/national/international regulations.

Section 3- Composition / Information on Ingredients

INGREDIENTS:

Chemical Name	CAS No.	Content (%)
Praziquantel	55268-74-1	7.75
Ivermectin	70288-86-7	1.55
No-hazardous Ingredients	Secret	to 100

This is a commercial product whose exact ratio of components may vary slightly. Minor quantities of other nonhazardous ingredients are also present

Section 4- First Aid Measures

Call Poisons Information Centre Phone Australia 131 126, if you feel that you may have been poisoned or irritated by this product.

Inhalation: Move to fresh air. Call a physician if symptoms develop or persist. For breathing difficulties, oxygen may be necessary.

Skin: Wash off immediately with soap and plenty of water. Get medical attention if irritation develops and persists. Wash contaminated clothing before reuse.

Eye: Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician. Remove contact lenses, if present and easy to do.

Ingestion: Call a physician or poison control centre immediately. Only induce vomiting at the instruction of medical personnel. Never give anything by mouth to an unconscious person. Rinse mouth.

Personal protection for first-aid responders: IF exposed or concerned: Get medical advice/attention. For personal protection, see section 8 of the SDS. Ensure that medical personnel are aware of the material(s) involved and take precautions to protect themselves. Show this safety data sheet to the doctor in attendance.

Symptoms caused by exposure: Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. May cause central nervous system disorder (e.g., narcosis involving a loss of coordination, weakness, fatigue, mental confusion and blurred vision) and/or damage.

Advice to doctor: May cause central nervous system effects. Provide general supportive measures and treat symptomatically. Symptoms may be delayed.

Section 5- Fire Fighting Measures

Extinguishing Media: Water fog. Foam. Dry chemical powder. Carbon dioxide (CO₂).

Unsuitable extinguishing media: Do not use water jet as an extinguisher, as this will spread the fire.

Fire and Explosion Hazards: During fire, gases hazardous to health may be formed.

Special protective equipment and precautions for fire Fighters: Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

Fire Fighting: Move containers from fire area if you can do so without risk. Use standard firefighting procedures and consider the hazards of other involved materials.

Section 6 - Accidental Release Measures

Emergency Procedures: Keep unnecessary personnel away. Ensure adequate ventilation. Ventilate the contaminated area. Do not breathe mist or vapour. Avoid contact with eyes, skin, and clothing. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Use personal protection recommended in Section 8 of the SDS.

Environmental precautions: Prevent further leakage or spillage if safe to do so. Do not contaminate water. Avoid discharge into drains, water courses or onto the ground.

Method of Containment and Clean up Procedures: ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area). Ensure adequate ventilation. Avoid release to the environment. Prevent product from entering drains.

Large Spills: Stop the flow of material, if this is without risk. Absorb in vermiculite, dry sand or earth and place into containers. Clean surface thoroughly to remove residual contamination.

Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination. Never return spills to original containers for re-use. For waste disposal, see section 13 of the SDS.

Section 7 - Handling and Storage

Handling: Use this product with adequate ventilation. Wear appropriate personal protective equipment. Do not breathe mist or vapour. Do not taste or swallow. Avoid contact with eyes, skin, and clothing. Avoid prolonged exposure. Observe good industrial hygiene practices. When using, do not eat, drink or smoke. Wash hands thoroughly after handling. Wash contaminated clothing before reuse. Avoid release to the environment.

Storage: Store below 30°C (Room temperature). Do not allow material to freeze. Keep out of reach of children.

Section 8 - Exposure Controls / Personal Protection

The following Australian Standards will provide general advice regarding safety clothing and equipment:

Respiratory equipment: **AS/NZS 1715**, Protective Gloves: **AS 2161**, Occupational Protective Clothing: AS/NZS 4501 set 2008, Industrial Eye Protection: **AS1336** and **AS/NZS 1337**, Occupational Protective Footwear: **AS/NZS2210**.

SWA Exposure Limits	TWA (mg/m ³)	STEL (mg/m ³)
Praziquantel	N/A	N/A
Ivermectin	N/A	N/A

The ADI for Ivermectin is set at 0.01mg/kg/day. The corresponding NOEL is set at 0.5mg/kg/b.w. The ADI for Praziquantel is set at 0.02 mg/kg/day. The corresponding NOEL is set at 20 mg/kg/b.w. ADI means Acceptable Daily Intake; NOEL means No-observable-effect-level. Data from Australian ADI List, June 2022.

Personal Protective Equipment:

Eye Protection: Wear safety glasses or goggles if eye contact is possible.

Skin Protection: Wear appropriate chemical-resistant gloves. Impervious gloves are recommended if skin contact with drug products is possible and for bulk processing operations. Wear suitable

protective clothing. Impervious protective clothing is recommended if skin contact with drug product is possible and for bulk processing operations.

Respirator: No personal respiratory protective equipment normally required. In case of insufficient ventilation, wear suitable respiratory equipment. If the applicable Occupational Exposure Limit (OEL) is exceeded, wear an appropriate respirator with a sufficient protection factor to control exposures below the OEL. Chemical respirator with organic vapour cartridge, full facepiece, dust and mist filter.

Thermal protection: Not applicable.

Hygiene measures: Keep away from food and drink. Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

Section 9 - Physical and Chemical Properties

Physical state	Free flowing paste
Colour	Pale yellow to orange paste
pH	Not available
Boiling point	Not available
Flash point	Not available
Solubility	Not available
Relative density	Not available
Evaporation rate	Not available
Melting point	Not available
freezing point	Not available

Section 10 - Stability and Reactivity

Reactivity: The product is stable and non-reactive under normal conditions of use, storage and transport.

Chemical stability: Material is stable under normal conditions.

Conditions to Avoid: Contact with incompatible materials. Keep away from heat, spark, open flames and other sources of ignition. Avoid release to the environment.

Incompatibilities: Avoid contact with oxidisers or reducing agents. Fluorine. Chlorine.

Possibility of hazardous reactions: No dangerous reaction known under conditions of normal use.

Hazardous decomposition products: Irritating and/or toxic fumes and gases may be emitted upon the product's decomposition. Carbon dioxide, carbon monoxide, and oxides of nitrogen.

Section 11 - Toxicological Information

POSSIBLE ROUTES OF EXPOSURE

Inhalation Under normal conditions of intended use, this material is not expected to be an inhalation hazard. Prolonged inhalation may be harmful.

Praziquantel

ACUTE

Rat	Oral	LD50	2840mg/kg
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Praziquantel

CHRONIC

Hamster	Oral	LD50	2 years (Not carcinogenic)
Rat	Dermal	LD50	2 years (Not carcinogenic)

Ivermectin

Local Effects:

Target Organs: There is no data to hand indicating any particular target organs

Ingredient	Risk Phrases
Ivermectin	>=1%Conc<3%: T; R61; R64; R25
Ivermectin	LD50 Oral, Rat 50mg/kg LD50 Dermal, Rat = > 660mg/kg LC50 Inhalation, Rat = 5.11mg/L/4hr

Additional toxicological information: Ivermectin is believed to bind to glutamate-gated chloride ion channels. Avoid drugs that also interact with other ligand-gated chloride channels, including those which enhance GABA activity in patients with potentially toxic Ivermectin exposure. Reproductive toxicant in rabbits and mice. Symptoms which may occur. Over-exposure to Ivermectin may cause dilated pupils, incoordination, drowsiness, depressed motor activity, slowed breathing, dilation of pupils, tremors, vomiting, anorexia, muscle tremors, headache or dizziness.

HUMAN HEALTH HAZARDS

May damage fertility or the unborn child and cause harm to breast-fed children.

Ivermectin is extremely toxic to aquatic species.

ACUTE:

Swallowed: Pure ivermectin is considered highly toxic in acute animal studies. Symptoms noted for overexposure to ivermectin included decreased activity, slow rate of breathing, dilation of the pupils, muscle tremors, and incoordination. In humans, no toxic effects have been noted at doses up to 200µg/kg.

Reproductive toxicity: Ivermectin is a SWA Class 2 Reproductive risk, may cause harm to the unborn child.

Section 12 - Ecological Information

Ecotoxicity: Very toxic to aquatic life with long-lasting effects. Avoid release to the environment.

Praziquantel	NOEC(ECx)	Fish	40 mg/l	Test duration 1h
	LC50	Fish	22.17 -38.51 mg/l	Test duration 96h
Ivermectin	NOEC(ECx)	Crustacea	<0.001mg/L	Test duration 48h
	LC50	Fish	0.003-0.004mg/L	Test duration 96h

Other adverse effects No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.

Section 13 - Disposal Considerations

Disposal: Avoid release to the environment. Considering the relevant known environmental and human health hazards of the material, review and implement appropriate technical and procedural wastewater and waste disposal measures to prevent occupational exposure and environmental release. It is recommended that waste minimization be practiced. The best available technology should be utilized to prevent environmental releases. This may include destructive techniques for waste and wastewater. Dispose of contents/container in accordance with local/regional/national/international regulations.

Residual waste: Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner.

Contaminated packaging: Since emptied containers may retain product residue, follow label warnings even after the container is emptied.

Section 14 - Transport Information

No specific transport considerations apply since *IMEC with TAPE ORAL BROAD SPECTRUM WORMER AND BOTICIDE FOR HORSES* is NOT classified as a dangerous good according to Australian Dangerous Goods (ADG) Code

CLASSIFIED AS DANGEROUS GOODS when transported by sea or air.

RID

UN NO.: 3082

UN proper shipping name: Environmentally Hazardous Substance, Liquid, NOS (Ivermectin)

Class & Subsidiary Risk: 9

Packaging Group: III

Environmental hazards: yes

IATA

UN NO.: 3082

UN proper shipping name: Environmentally Hazardous Substance, Liquid, NOS (Ivermectin)

Class & Subsidiary Risk: 9

Packaging Group: III

Environmental hazards: yes

IMDG

UN NO.: 3082

UN proper shipping name: Environmentally hazardous substances, solid, n.o.s. (Ivermectin)

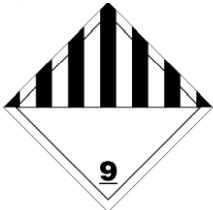
MARINE POLLUTANT (Ivermectin)

Class & Subsidiary Risk: 9

Packaging Group: III

Marine Pollutant: yes

IATA; IMDG; RID



Marine Pollutant:



Section 15 - Regulatory Information

Poisons Schedule: S5

APVMA Approval Number: 92178

Approved pack size: 7.74 g

For more information please refer to the APVMA approved product label

Section 16 – Other Information

Abbey Animal Health Pty Ltd
Telephone Number: 02 8088 0720
Facsimile Number: 02 8088 0721

Emergency Number: Australian Poisons Information Centre: 13 11 26 (24 Hour service).

This Safety Data Sheet (SDS) summarizes our best knowledge of the health and safety hazard information of the product according to the GHS requirements and how to safely handle and use the product in the workplace.

Each user must review this SDS in the context of how the product will be handled and used in the workplace.

If clarification or further information is needed to ensure that an appropriate risk assessment can be made, the user should contact this company.

***Note: This SDS is valid for 5 years from the effective date.**