



APPLEMAX TRIPLE BROAD SPECTRUM ANTIPARASITIC LIQUID 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: Unit 27/ 1 Maitland place, Norwest NSW, 2153

Telephone Number: 02 8088 0720

Facsimile Number: 02 8088 0721

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

PRODUCT NAME

APPLEMAX TRIPLE BROAD SPECTRUM ANTIPARASITIC LIQUID FOR HORSES

PRODUCT USE

For the treatment and control of susceptible roundworms (including benzimidazole-resistant small strongyles, ivermectin-resistant *Parascaris equorum* and the arterial larval stages of *strongylus vulgaris*), lungworms, tapeworm, bots and skin lesions (Summer sores) caused by cutaneous larvae of *Habronema* spp.

Section 2- Hazards Identification

Statement of Hazardous Nature this product is classified as: Hazardous according to the criteria of SWA.

ADG Classification: Not a Dangerous Good according to Australian Dangerous Goods (ADG) Code criteria when transported by road or rail in Australia, in packages 500kg(L) or less; or IBCs. Code, IATA or IMDG/IMSBC criteria. CLASSIFIED AS DANGEROUS GOODS when transported by sea or air. Refer to Section 14.

GHS Signal word: WARNING

GHS Classification

Acute Toxicity Category 4

Acute Aquatic Toxicity Category 1

HAZARD PICTOGRAMS



HAZARD STATEMENTS

H302: Harmful if swallowed

H320: Causes eye irritation.

H400: Very toxic to aquatic life.

PREVENTION

P102: Keep out of reach of children.

P262: Do not get in eyes, on skin, or on clothing.

P264: Wash exposed areas thoroughly after handling.

P270: Do not eat, drink or smoke when using this product.

P273: Avoid release to the environment.

P281: Use personal protective equipment as required.

RESPONSE

P352: Wash with plenty of soap and water.

P301 + P312: IF SWALLOWED: Call a POISON CENTRE or doctor if you feel unwell.

P301+P330+P331: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337+P313: If eye irritation persists: Get medical advice.

P370+P378: Not combustible. Use extinguishing media suited to burning materials. Alcohol resistant foam is the preferred firefighting medium but, if it is not available, normal foam can be used.

STORAGE

P405: Store locked up.

P402+P404: Store in a dry place. Store in a closed container. P403+P235: Store in a well-ventilated place. Keep cool.

DISPOSAL

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

Section 3- Composition / Information on Ingredients

Ingredients	CAS No	Conc(mg/mL)	TWA (mg/m ³)	STEL (mg/m ³)
Oxibendazole	20559-55-1	200	Not set	Not set
Praziquantel	55268-74-1	50	Not set	Not set
Ivermectin	70288-86-7	4	Not set	Not set
Other non – hazardous Ingredients		100%	Not set	Not set

This is a commercial product whose exact ratio of components may vary slightly. Minor quantities of other non-hazardous ingredients are also possible.

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: No first aid measures normally required. However, if inhalation has occurred, contact a Poisons Information Centre or a doctor.

Skin Contact: Wash gently and thoroughly with water (use non-abrasive soap if necessary) for 5 minutes or until chemical is removed.

Eye Contact: Immediately flush the contaminated eye(s) with lukewarm, gently flowing water for 15 minutes or until the product is removed, while holding the eyelid(s) open. Take care not to rinse contaminated water into the unaffected eye or onto the face. Obtain medical attention immediately. Take special care if exposed person is wearing contact lenses.

Ingestion: If swallowed, do NOT induce vomiting. Wash mouth with water and contact a Poisons Information Centre or call a doctor.

Section 5- Fire Fighting Measures

Fire and Explosion Hazards: The major hazard in fires is usually inhalation of heated and toxic or oxygen deficient (or both), fire gases. There is little risk of an explosion from this product if commercial quantities are involved in a fire.

Only small quantities of decomposition products are expected from this product at temperatures normally achieved in a fire. This will only occur after heating to dryness.

Fire decomposition products from this product may be toxic if inhaled. Take appropriate protective measures.

Extinguishing Media: Try to contain spills, minimise spillage entering drains or water courses.

Fire Fighting: If a significant quantity of this product is involved in a fire, call the fire brigade. There is little danger of a violent reaction or explosion if significant quantities of this product are involved in a fire. Recommended personal protective equipment is full fire kit and breathing apparatus.

Section 6 - Accidental Release Measures

Accidental release: In the event of a major spill, prevent spillage from entering drains or water courses. As a minimum, wear overalls, goggles and gloves. Suitable material for protective clothing includes rubber, PVC. If there is a significant chance that dust is likely to build up in cleanup area, we recommend that you use a suitable dust mask.

Stop leak if safe to do so and contain spill. Sweep up and shovel or collect recoverable product into labelled containers for recycling or salvage and dispose of promptly. Consider vacuuming if appropriate. Recycle containers wherever possible after careful cleaning. After spills, wash area preventing runoff from entering drains. If a significant quantity of material enters drains, advice emergency services. This material may be suitable for approved landfill.

Section 7 - Handling and Storage

Safe handling: Keep exposure to this product to a minimum, and minimise the quantities kept in work areas. The measures detailed below under "Storage" should be followed during handling to minimise risks to persons using the product in the workplace. Also, avoid contact or contamination of product with incompatible materials listed in Section 10.

Storage: Store below 30 °C (room temperature). Protect from sunlight.

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/m³)

STEL (mg/m³)

Exposure limits have not been established by SWA for any of the significant ingredients in this product.

The ADI for Oxibendazole is set at 0.01 mg/kg/day and NOEL is set at 10 mg/kg/day.

The ADI for Praziquantel is set at 0.02 mg/kg/day and NOEL is set at 20 mg/kg/day.

The ADI for Ivermectin is set at 0.01 mg/kg/day and NOEL is set at 0.5 mg/kg/day.

ADI means Acceptable Daily Intake; NOEL means No-observable-effect-level. Data from Australian ADI List, June 2022.

No special equipment is usually needed when occasionally handling small quantities. The following instructions are for bulk handling or where regular exposure in an occupational setting occurs without proper containment systems.

Ventilation: This product should only be used in a well-ventilated area. If natural ventilation is inadequate, use of a fan is suggested.

Eye Protection: Protective glasses or goggles should be worn when this product is being used. Failure to protect your eyes may cause them harm. Emergency eye wash facilities are also recommended in an area close to where this product is being used.

Skin Protection: If you believe you may have a sensitisation to this product or any of its declared ingredients, you should prevent skin contact by wearing impervious gloves, clothes and, preferably, apron. Make sure that all skin areas are covered. See below for suitable material types.

Protective Material Types: We suggest that protective clothing be made from the following materials: PVC.

Respirator: As this product is classed as a respiratory sensitiser, special care should be taken with respiratory selection if you are sensitised to this product or any of its declared ingredients. If there is a significant chance that dust is likely to build up in the area where this product is being used, we recommend that you use a suitable dust mask. Otherwise, not normally necessary.

Eyebaths or eyewash stations and safety deluge showers should, if practical, be provided near to where this product is being handled commercially.

Section 9 - Physical and Chemical Properties

Colour:	Colourless liquid.
Odour:	No odour
Boiling Point:	Not available
Freezing/Melting Point:	Not available
Volatiles:	No data
Vapour Pressure:	No data
Vapour Density:	Not available
Specific Gravity:	Not available
Water Solubility:	Completely soluble in water
pH:	No data
Volatility:	No data
Odour Threshold:	No data

Section 10 - Stability and Reactivity

Reactivity: This product is unlikely to react or decompose under normal storage conditions. However, if you have any doubts, contact the supplier for advice on shelf-life properties.

Conditions to Avoid: Protect this product from light. Store in the closed original container in a dry, cool, well-ventilated area out of direct sunlight.

Incompatibilities: Strong oxidising agents.

Fire Decomposition: Only small quantities of decomposition products are expected from this product at temperatures normally achieved in a fire. This will only occur after heating to dryness. Carbon dioxide, and if combustion is incomplete, carbon monoxide. Nitrogen and its compounds, and under some circumstances, oxides of nitrogen. Occasionally hydrogen cyanide gas in reducing atmospheres. Water, sodium compounds. Carbon monoxide poisoning produces headache, weakness, nausea, dizziness, confusion, dimness of vision, disturbance of judgment, and unconsciousness followed by coma and death.

Polymerisation: This product will not undergo polymerisation reactions.

Section 11 - Toxicological Information

Local Effects

Target Organs: There is no data to indicate any particular target organs. Ivermectin is a SWA Class 2 Reproductive risk.

Classification of Hazardous Ingredients

Ingredient	Risk Phrases
Ivermectin	$\geq 0.1\%$ Conc $< 0.5\%$: Xn; R22

MUTAGENICITY DATA: Negative in Ames test. Negative in mouse lymphoma mutation assay. Does not induce unscheduled DNA synthesis in human fibroblast cell culture (MSD 1988). Subacute to chronic toxicity: No data on the sub-chronic or reproductive effects of the product that is a mixture, is available.

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.

The following symptoms may occur: Overexposure to Ivermectin may cause dilated pupils, incoordination, drowsiness, depressed motor activity, slowed breathing, dilation of the pupils, tremors, vomiting, anorexia, muscle tremors, headache and dizziness.

Ivermectin:

LD50 (Oral), Rat 50mg/kg

LD50 (Dermal), Rabbit > 660 mg/kg

LC50 Inhal, 4hr Rat 5.11mg/kg

Potential Health Effects

Inhalation:

Short Term Exposure: Available data indicates that this product is not harmful. In addition, product is unlikely to cause any discomfort or irritation.

Long Term Exposure: No data for health effects associated with long term inhalation.

Skin Contact:

Short Term Exposure: Available data indicates that this product is not harmful. It should present no hazards in normal use. However, product may be irritating but is unlikely to cause anything more than mild transient discomfort.

Long Term Exposure: No data for health effects associated with long term skin exposure.

Eye Contact:

Short Term Exposure: This product is an eye irritant. Symptoms may include stinging and reddening of eyes and watering which may become copious. Other symptoms may also become evident. If exposure is brief, symptoms should disappear once exposure has ceased. However, lengthy exposure or delayed treatment may cause permanent damage

Long Term Exposure: No data for health effects associated with long term eye exposure.

Ingestion:

Short Term Exposure: Significant oral exposure is considered to be unlikely. Available data shows that this product is harmful, but symptoms are not available. However, this product is an oral irritant. Symptoms may include burning sensation and reddening of skin in mouth and throat. Other symptoms may also become evident, but all should disappear once exposure has ceased.

Long Term Exposure: No data for health effects associated with long term ingestion.

Carcinogen Status:

SWA: No significant ingredient is classified as carcinogenic by SWA.

NTP: No significant ingredient is classified as carcinogenic by NTP.

IARC: No significant ingredient is classified as carcinogenic by IARC.

Section 12 - Ecological Information

This product is very toxic to aquatic organisms. This product is biodegradable. It will not accumulate in the soil or water or cause long term problems.

Section 13 - Disposal Considerations

For containers 1L or less: Dispose of container by wrapping with paper and putting in garbage.

For containers greater than 1L: Triple-rinse container and dispose of rinsate in compliance with relevant local, state or territory government regulations. Do not dispose of undiluted chemicals on-site. If recycling, replace cap and return clean container to recycler or designated collection point. If not recycling, break, crush, or puncture container and deliver to an approved waste management facility. If an approved waste management facility is not available, bury the broken, crushed or punctured containers 500 mm below the surface in a disposal pit specifically marked and set up for this purpose clear of waterways, vegetation and tree roots, in compliance with relevant local, state or territory government regulations. Do not burn empty containers or product

Section 14 - Transport Information

No specific transport considerations apply since *APPLEMAX TRIPLE BROAD SPECTRUM ANTIPARASITIC LIQUID FOR HORSES* is NOT classified as a dangerous good according to Australian Dangerous Goods (ADG) Code by Road or Rail in Australia, in packages 500kg(L) or less; or IBCs,

CLASSIFIED AS DANGEROUS GOODS when transported by sea or air.

IATA

UN NO.: 3082

UN proper shipping name: Environmentally hazardous substance, liquid, n.o.s. * (contains imidacloprid)

Class & Subsidiary Risk: 9

Packaging Group: III

Environmental hazards: Environmentally hazardous

IMDG

UN NO.: 3082

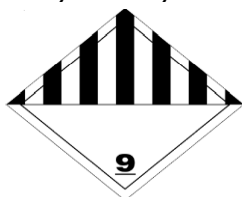
UN proper shipping name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (contains imidacloprid)

Class & Subsidiary Risk: 9

Packaging Group: III

Marine Pollutant:

IATA; IMDG; RID



Marine Pollutant:



Section 15 - Regulatory Information

Poisons Schedule: 5

APVMA Approval Number: 90558

Approved pack size: 250mL, 300mL, 500mL, 1L, 2.5L, 5L

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) summary our best knowledge of the health and safety hazard information of the product and how to safely handle and use the product in the workplace.

Each user must review this MSDS 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.**