

SECTION 1: IDENTIFICATION OF THE SUBSTANCE AND SUPPLIER

Product name:	TRIUMPH PASTE
Product code:	A010105
Recommended use:	Anthelmintic product for horses
Company details:	Boehringer Ingelheim Animal Health New Zealand Limited
Address:	Level 3, Boehringer Ingelheim Building 2 Osterley Way Manukau Auckland 2104 New Zealand
Telephone number:	Phone: +64 9 263 1400
Emergency telephone number:	Boehringer Ingelheim Freephone: 0800 800 822 National Poisons Centre : 0800 764 766 (0800 POISON) Fire Service, Ambulance : Dial 111
Date of issue:	October 2008
Date of review:	7 February 2020

SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

Chemical characterization: Paste

Product components:

<u>Name</u>	<u>CAS</u>	<u>Proportion</u>
Ivermectin	70288-86-7	4 g/L
Oxibendazole	20559-55-1	200 g/L
Praziquantel	55268-74-1	50 g/L
Benzenemethanol	100-51-6	<10%
Aniseed Oils	8007-70-3	<1%
Other		to 100%

SECTION 3: HAZARDS IDENTIFICATION

Hazard classifications: 6.1E, 6.4A, 6.5B, 6.8C, 9.1A, 9.2C, 9.4A

Hazard pictograms:



Signal word: WARNING

Risk and safety phrases:

Hazard Statement(s)

H303: May be harmful if swallowed.
 H317: May cause an allergic skin reaction.
 H319: Causes serious eye irritation.
 H362: May cause harm to breast-fed children.

Precautionary Statement(s) - Prevention

P102: Keep out of reach of children.
 P201: Obtain special instructions before use.
 P261: Avoid breathing fumes.
 P263: Avoid contact during pregnancy/while nursing.
 P264: Wash hands thoroughly after handling.

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P270: Do not eat, drink or smoke when using this product.
P272: Contaminated work clothing should not be allowed out of the workplace.
P280: Wear protective gloves and eye/face protection.

Precautionary Statement(s) - Response

P312: Call the National Poisons Centre 0800 POISON (0800 764 766) or a doctor if you feel unwell.
P363: Wash contaminated clothing before reuse.
P302+P352: IF ON SKIN: Wash with plenty of soap and water.
P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P308+P313: If exposed or concerned: Get medical advice/attention.
P333+P313: If skin irritation or rash occurs: Get medical advice/attention.
P337+P313: If eye irritation persists: Get medical advice/attention.

SECTION 4: FIRST AID MEASURES

Necessary first aid measures:

For advice, contact the National Poisons Centre on 0800 POISON (0800 764 766), or a doctor immediately.
Ingestion: Call the National Poisons Centre 0800 POISON (0800 764 766) or a doctor if you feel unwell.
Eyes: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
Skin: IF ON SKIN: Wash with plenty of soap and water.
Inhalation: Remove to fresh air.

Workplace facilities:

No special facilities required.

Required instructions:

Observe good work practices and avoid skin contact. Wash hands and exposed skin before meals and after use. Do not eat or drink while using. Wash contaminated clothing before reuse.

Notes for medical personnel:

Apply symptomatic therapy (no specific antidote).
Note the nature of the product (possible eye irritant, toxin and sensitiser).

SECTION 5: FIRE FIGHTING MEASURES

Type of hazard:

Non flammable, Non combustible, Non explosive

Fire hazard properties:

This product is not classified as flammable, and will not support combustion. Hazardous fumes when heated to decomposition.

Regulatory requirements:

Not applicable

Extinguishing media and methods:

Treat the fire as for the other materials present. Do not allow water to enter drains.

Hazchem code:

2X

Recommended protective clothing:

When fighting a major fire wear full protective clothing including breathing apparatus.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Emergency procedures:

Wear suitable protective clothing. Restrict access to contaminated area. Contain the spill and prevent further dispersion. Retrieve

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intact containers from site. Place damaged containers into containment devices. Absorb spills with inert material and place in waste containers. Wash the area with water and absorb with further inert material. Collect spilled material and place in sealable containers for subsequent disposal. Avoid contamination of water courses or sewers. Dispose of waste safely.

SECTION 7: HANDLING AND STORAGE

Precautions for safe handling:	Handle with care
Regulatory requirements:	N/A
Handling practices:	N/A
Approved handlers:	Not required
Conditions for safe storage:	Store below 30 °C. Protect from light. Keep out of reach of children.
Store site requirements:	This substance is subject to a requirement for an emergency management plan, containment and signage, whenever it is held in quantities of 100 L or more. See Hazardous Substances (Emergency management) regulations 25 to 42.
Packaging:	Packaging Schedule 3 (UN Packing Group III) for quantities >5 L (Hazardous Substances Packaging Regulations 2001).

SECTION 8: EXPOSURE CONTROL/PERSONAL PROTECTION

Workplace exposure standards:	N/A
Application in the workplace:	Prevent exposure by using engineering controls, personal protective equipment and work practices that prevent skin contact.
Exposure standards outside the workplace:	TELs and EELs are not set at this time.
Engineering controls:	Ensure that ventilation maintains dust levels below WES.
Personal protection:	Clothing should consist of overalls with long sleeves, and impervious gloves. Wear eye protection (e.g. goggles or face shield).
References:	N/A

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Specify product data:	<u>Formulation type:</u> Paste <u>Appearance:</u> Paste <u>Specific gravity:</u> ~1.02 <u>Boiling Point:</u> Not applicable <u>pH:</u> Not determined <u>Vapour Pressure:</u> Not applicable <u>Solubility in Water:</u> Not soluble
Required specifications:	N/A
Further specifications:	N/A
Specific advice:	N/A

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SECTION 10: STABILITY AND REACTIVITY

Stability of the substance:	Stable under normal conditions of use and storage.
Conditions to avoid:	No specific conditions to avoid.
Material to avoid:	No specific materials to avoid.
Hazardous decomposition products:	No hazardous products are expected, except when heated to decomposition.
Hazardous polymerization:	Components are not expected to form hazardous polymers.
Specific data:	N/A

SECTION 11: TOXICOLOGICAL INFORMATION

Data and interpretation:	May be harmful if swallowed. May cause an allergic skin reaction. Causes serious eye irritation. May cause harm to breast-fed children.
Summaries data:	<p><u>Ivermectin</u>: Ivermectin (a macrocyclic lactone class) is an acute oral toxin [LD₅₀ (oral, mouse) 11.6 mg/kg; LD₅₀ (oral, dog) >10 mg/kg; LD₅₀ (dermal, rabbit) ~406 mg/kg]. Clinical signs in repeated dose laboratory animal studies included ataxia, tremors, mydriasis, emesis and coma. High doses produced respiratory failure and deaths. Neonates were affected via milk (neurotoxicity and reduced body weights, LOAEL 0.4 mg/kg/d). Foetal malformations were observed at doses that caused maternal toxicity. Ivermectin is widely used in humans for the treatment of onchocerciasis at single doses of 0.2 mg/kg and adverse effects are usually mild and transient. Ivermectin may possibly have effects on or via lactation.</p> <p><u>Oxibendazole</u>: This active is non-toxic.</p> <p><u>Benzenemethanol</u>: An organic alcohol that is used as a preservative [LD₅₀ (oral, rabbit) 1040 mg/kg; LD₅₀ (dermal, rabbit) 2000 mg/kg]. It is a known skin sensitiser (contact dermatitis) and a moderate eye irritant.</p> <p><u>Praziquantel</u>: Praziquantel has low toxicity and is generally well tolerated [LD₅₀ (oral, rabbit) 1050 mg/kg].</p> <p><u>Anise Oils</u>: May be irritating to skin and eyes. Acute oral toxin [LD₅₀ (oral, rat) 2250 mg/kg] and a weak sensitiser (contact dermatitis).</p>

SECTION 12: ENVIRONMENTAL INFORMATION

Potential environmental interactions:	N/A
Data organisation :	<p><u>Ivermectin</u>: Ivermectin is highly toxic to invertebrates in the aquatic, soil and terrestrial environments. Ivermectin is considered to be highly toxic to fish and bees due to similarity to abamectin [Abamectin data: LC₅₀ rainbow trout 0.0032 mg/L; LC₅₀ bluegill sunfish 0.0096 mg/L and extremely toxic to aquatic invertebrates: EC₅₀ Mysid shrimp 0.022 ppb; EC₅₀ crustacea 0.00036 mg/L; toxicity to bees LD₅₀ (contact) 0.002 µg/bee]. Ivermectin is neither persistent nor bioaccumulative, but is ecotoxic.</p> <p><u>Benzenemethanol</u>: An organic alcohol that is used as a preservative. Benzenemethanol is toxic to aquatic and soil organisms [LC₅₀ <i>Lepomis macrochirus</i> 10 mg/mL (96hrs); EC₅₀ <i>Daphnia magna</i> 55 mg/L (24hrs); EC₅₀ microbial 50 mg/L] and is a potential terrestrial vertebrate toxin based on laboratory animal toxicity data [LD₅₀ (oral, rabbit) 1050 mg/kg].</p>
Environmental risk and	Very toxic to aquatic organisms. Harmful to the soil environment.

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safety phrases:

Very toxic to terrestrial invertebrates. Avoid release to the environment.
ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
(Ivermectin)

SECTION 13: DISPOSAL CONSIDERATIONS

Disposal information :

Preferably dispose of the product by use. Otherwise dispose of product and packaging by wrapping in paper and placing in the garbage. Do NOT use the container for any other purpose.

SECTION 14: TRANSPORT INFORMATION

Relevant information:

Dangerous Goods for transport.
ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
(Ivermectin)
UN Number: 3082
Dangerous Goods Class: 9

The maximum quantity per package of this substance allowed for carriage on public transport is 1 L.

SECTION 15: REGULATORY INFORMATION

Regulatory status:

Registered pursuant to the ACVM Act 1997: No. A010105
See www.foodsafety.govt.nz for registration conditions

Approved pursuant to the HSNO Act, Approval Code HSR007785
See www.epa.govt.nz for approval conditions

HSNO and ACVM controls:

SDS is required for quantities greater than or equal to 1 L

Refer to Section 3

List exposure limits:

None set

SECTION 16: OTHER INFORMATION

Additional information:

For product information visit the Boehringer Ingelheim website
www.boehringer-ingelheim.co.nz

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