



### Section 1 – Identification of the substance/preparation and the company

**Product Name:** TrivAL Tape HiMin

**Company:** Donaghys Ltd.

**Address:** 16 Sheffield Crescent  
PO Box 20 449  
Christchurch

**Telephone Number:** 0800 942 006

**Manufacturer Product Code:** APTST0001 / APTST0010

**Recommended Use:** For the treatment and control of mature stages of all major gastrointestinal parasites in sheep, including those with single or dual resistance to benzimidazole, levamisole/morantel and avermectin/milbemycin families. Also treats and controls lungworm, itch mite, nasal bot, Tapeworm and as an aid in the control of adult liver fluke infestation in sheep.

### Section 2 – Hazard Identification

**HSNO Classifications:** 6.1D (All), 6.5B, 6.6B, 6.8A, 6.8C, 6.9B, 9.1A, 9.3C, 9.4B

**GHS Classifications:** Acute oral toxicity Category 4  
Acute dermal toxicity Category 4  
Acute inhalation toxicity Category 4  
Skin sensitisation Category 1  
Germ cell mutagenicity Category 2  
Reproductive toxicity Category 1  
Effects on or via lactation  
Specific target organ toxicity – repeated exposure Category 2  
Hazardous to the aquatic environment chronic Category 1  
Hazardous to terrestrial vertebrates  
Hazardous to terrestrial invertebrates



**Hazard Statements:** H302 – Harmful if swallowed  
H312 – Harmful in contact with skin  
H332 – Harmful if inhaled  
H317 - May cause an allergic skin reaction  
H341 - Suspected of causing genetic defects  
H360 - May damage fertility or the unborn child  
H362 - May cause harm to breast-fed children  
H373 - May cause damage to organs through prolonged or repeated exposure  
H410 - Very toxic to aquatic life with long lasting effects  
H433 - Harmful to terrestrial vertebrates  
H442 - Toxic to terrestrial invertebrates

**Prevention Statements:** P102 – Keep out of reach of children  
P103 - Read label before use  
P201 - Obtain special instructions before use

**IN CASE OF EMERGENCY PHONE**  
National Poisons Centre 03-474-4700 or 0800 POISON (0800-764-766)



**Prevention Statements:** P202 - Do not handle until all safety precautions have been read and understood  
(Continued) P260 - Do not breathe mist/vapours/spray  
P261 - Avoid breathing mist/vapours/spray  
P263 - Avoid contact during pregnancy or while nursing  
P264 - Wash hands thoroughly after handling  
P270 - Do not eat, drink or smoke when using this product  
P271 - Use only outdoors or in a well-ventilated area  
P272 - Contaminated work clothing should not be allowed out of the workplace  
P273 - Avoid release to the environment  
P280 - Wear protective gloves/clothing  
P281 - Use personal protective equipment as required

**EPA NZ Approval Code:** HSR100758

**Signal word:** DANGER

### Section 3 – Composition Information

Chemical Entity	CAS No.	Content
Abamectin	71751-41-2	0.1%
Albendazole micronized	54965-21-8	2.5%
Levamisole hydrochloride	16595-80-5	4.2%
Praziquantel micronized	55268-74-1	<2.0%
Copper glycinate	13479-54-4	<10%
Cobalt glycinate	14281-74-4	<5%
Sodium selenate	13410-01-0	<1%
Zinc glycinate	7214-08-6	<5%
EDDI	5700-49-2	<1%
Other non-hazardous ingredients		To 100%

### Section 4 – First Aid Measures

**If Swallowed:** Call the POISON CENTRE or contact a doctor/physician if you feel unwell. Do NOT induce vomiting.

**If in eyes:** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do so. Continue rinsing. Get medical advice/attention.

**If on skin:** Wash with plenty of soap and water. If skin irritation or rash occurs: Get medical advice/attention. Wash contaminated clothing before use.

**If inhaled:** Remove to fresh air and keep at rest in a position comfortable for breathing.

If exposed or if you feel unwell: Call the POISON CENTRE or contact a doctor/physician. If medical advice is needed, have product container or label at hand.

**POISON CENTRE CONTACT: 0800 764 766 (National Poisons Information Centre)**

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### Section 5 – Fire-fighting Measures

**Suitable Extinguishing Media:** Alcohol resistant foam, dry chemical powder, carbon dioxide and water spray.

**Unsuitable Extinguishing Media:** No information available

**Hazardous combustion products:** Carbon oxides, Nitrogen oxides (NOx), Sulphur oxides

**Protective Equipment:** Self contained breathing apparatus and protective gloves and clothing

**Flashpoint:** Not available

### Section 6 – Accidental Release Measures

**Spills and Disposal:** Avoid breathing mist/vapour. Use appropriate tools to put spilt material in a suitable chemical waste container. Clean contaminated surface thoroughly. Ensure adequate ventilation.

**Protective Equipment:** Wear protective gloves and face/eye protection and protective clothing.

**Environmental Precautions:** Prevent washings from entering waterways. Do NOT flush into surface water or sanitary sewer system

### Section 7– Handling and Storage

**Technical precautions:** Wear respiratory protection. Avoid breathing vapours, mist or gas. Ensure adequate ventilation.

**Safe handling advice:** Wear personal protective equipment. Use only in well-ventilated areas. Avoid contact with skin, eyes and clothing. Do not breathe vapours or spray mist. Do NOT ingest.

**Storage conditions:** Keep container tightly closed in dry and well-ventilated areas. Store locked up below 25°C, out of direct sunlight.

**Incompatible Materials:** No information available

### Section 8 – Exposure Controls/Personal Protection

**Exposure Limits:** N/A

**Protective Equipment:** Observe good workplace practices and avoid contact with skin and eyes. Wear overalls, safety glasses and waterproof gloves when handling. Wear eye / face protection. In case of inadequate ventilation, wear respiratory protection.

**Hygiene Precautions:** Do not eat, drink or smoke when using this product.

**Engineering Controls:** General exhaust is adequate under normal operating conditions.

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### Section 9 – Physical and Chemical Properties

<b>Appearance:</b>	Blue to purple viscous suspension
<b>Odour:</b>	No information available
<b>Specific Gravity:</b>	1.01 - 1.1
<b>pH:</b>	4.1 – 4.9
<b>Flash Point:</b>	No information available

### Section 10 – Stability and Reactivity

<b>Stability:</b>	Stable under normal ambient and anticipated storage and handling conditions of temperature and pressure.
<b>Conditions to Avoid:</b>	No information available
<b>Materials to Avoid:</b>	No information available
<b>Hazardous Decomposition Products:</b>	Carbon oxides, Nitrogen oxides (NO <sub>x</sub> ), Sulphur oxides

### Section 11 – Toxicological Information

**No adverse health effects are expected if the product is handled in accordance with this Safety Data Sheet and the product label.**

<b>Ingestion:</b>	Product is harmful if swallowed
<b>Inhalation:</b>	Product is harmful if inhaled
<b>Dermal:</b>	Product is harmful in contact with skin. May cause an allergic skin reaction.
<b>Ocular:</b>	No information available.
<b>Chronic Effects:</b>	Suspected of damaging fertility or the unborn child. May cause harm to breast-fed children. May cause damage to organs.
<b>Mutagenic effects:</b>	Suspected of causing genetic defects
<b>Sensitization:</b>	No information available.

### Section 12 - Ecological Information

<b>Ecotoxicity:</b>	Product is very toxic to aquatic organisms with long lasting effects. It is toxic to terrestrial invertebrates and harmful to terrestrial invertebrates.
<b>Persistence and degradability:</b>	The product includes heavy metals. Prevent release into the environment. Contains substances known to be hazardous to the environment or not degradable in wastewater treatment plants.
<b>Bioaccumulative potential:</b>	No data available.
<b>Mobility in soil:</b>	No data available.
<b>Other adverse effects:</b>	No data available.

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### Section 13 – Disposal Considerations

**Product and container Disposal:** Preferably dispose of product by use. Otherwise dispose of product, packaging and waste at an approved landfill or equivalent facility in accordance with local, regional and national environmental regulations. Donaghys is a member of Agrecovery Container Recycling programme. For details on how to correctly prepare your container and collection sites please visit [www.agrecovery.co.nz](http://www.agrecovery.co.nz).

### Section 14 – Transport Information

#### International Regulations

##### IATA-DGR

**Proper Shipping Name:** ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Contains Abamectin, Selenium)  
**UN Number:** 3082  
**Hazard class:** 9  
**Subsidiary Risk Class:** No information available  
**Packing Group:** III  
**Marine pollutant:** YES  
**Hazchem code:** 3Z

##### IMDG-Code

**UN number:** UN 3082  
**Proper shipping name:** ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID MIXTURE, N.O.S. (Abamectin, Selenium)  
**Hazard Class:** 9  
**Packing group:** III  
**Marine pollutant:** Yes  
**Hazchem code:** 3Z

### Section 15 – Regulatory Information

**EPA NZ Registration Code:** HSR100758  
**ACVM Registration Number:** A011205

### Section 16 – Other Information

The information in this MSDS is provided in good faith, but no warranty, expressed or implied is made. Contact Donaghys Ltd for more information.

**EMERGENCY CONTACT No.: 0800 764 766 (National Poisons Information Centre)**