



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

Product Name: Venator HiMin
Company: Donaghys Ltd.
Address: 16 Sheffield Crescent
 PO Box 20 449
 Christchurch
Telephone Number: 0800 942 006
Recommended Use: For the treatment and control of all major gastrointestinal parasites in sheep and cattle, including strains with single resistance to benzimidazole (BZ), levamisole (LEV) and avermectin/milbemycin (ML) action families or to combinations of ML+BZ, or BZ+LEV action families. Also provides supplementary source of cobalt and selenium.

Section 2 – Hazard Identification

**Hazard Classes
GHS classification**

- 6.1D(Oral) Harmful if swallowed
- 6.3B Causes mild skin irritation
- 6.5A May cause allergy or asthma symptoms or breathing difficulties if inhaled
- 6.5B May cause an allergic skin reaction
- 6.6B Suspected of causing genetic defects
- 6.7B Suspected of causing cancer
- 6.8B Suspected of damaging fertility or the unborn child
- 6.8C May cause harm to breast-fed children
- 6.9B(Oral) May cause damage to blood system, heart from repeated oral exposure.
- 9.1A Toxic to aquatic life with long lasting effects
- 9.2C Harmful to the soil environment
- 9.3B Toxic to terrestrial vertebrates
- 9.4B Toxic to terrestrial invertebrates

**GHS label elements
Hazard pictograms**



- Prevention statements**
- P102 Keep out of reach of children
 - P103 Read label before use
 - P201 Obtain special instructions before use
 - P202 Do not handle until all safety precautions have been read and understood
 - 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
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
P285 In case of inadequate ventilation, wear respiratory protection
For Animal treatment only

EPA NZ Approval Code: HSR100758
Signal word: DANGER

Section 3 – Composition Information

Chemical Entity	CAS No.	Content
Abamectin	71751-41-2	2 g/L
Levamisole hydrochloride	16595-80-5	8 g/L
Cobalt glycinate	14281-74-4	5%
Sodium selenate	13410-01-0	<1%
Other non hazardous ingredients		To 100%

Section 4 – First Aid Measures

- If Swallowed:** Call the POISON CENTER 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:** If breathing is difficult, remove to fresh air and keep at rest in a position comfortable for breathing. If experiencing respiratory symptoms, call a POISON CENTRE or doctor/physician.

If exposed or if you feel unwell: Call the POISON CENTER 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)

Section 5 – Fire-fighting Measures

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

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



Unsuitable Extinguishing Media:	No information available
Hazardous combustion products:	Carbon oxides, Nitrogen oxides (NOx), Sulphur oxides, Hydrogen chloride gas
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 at 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 work place 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.

Section 9 – Physical and Chemical Properties

Appearance:	Pink viscous clear liquid
Odour:	No information available



Specific Gravity:	1.0 - 1.2
pH:	4.1 – 4.9
Viscosity	2000-5000mPa.s
Flash Point:	No information available

Section 10 – Stability and Reactivity

Stability:	Stable under normal ambient and anticipated storage and handling conditions of temperature and pressure.
Conditions to Avoid:	No information available
Materials to Avoid:	No information available
Hazardous Decomposition Products:	Carbon oxides, Nitrogen oxides (NOx), Sulphur oxides, Hydrogen chloride gas

Section 11 – Toxicological Information

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

Ingestion:	Product is harmful if swallowed.
Inhalation:	May cause allergy or asthma symptoms or breathing difficulties if inhaled.
Dermal:	May cause an allergic skin reaction.
Ocular:	No information available.
Chronic Effects:	Suspected of causing cancer. Suspected of damaging fertility or the unborn child. May cause damage to blood systems, heart from repeated oral exposures at high doses.
Mutagenic effects:	Suspected of causing genetic defects
Sensitization:	No information available.

Section 12 - Ecological Information

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



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.

Section 14 – Transport Information

International Regulations

IATA-DGR

Proper Shipping Name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID MIXTURE, N.O.S. (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)
Class: 9
Packing group: III
Marine pollutant: Yes

Section 15 – Regulatory Information

EPA NZ Registration Code: HSR100758
ACVM Registration Number: A011650

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)