SAFETY DATA SHEET
Paralock Dual

Version Number: V1.0 Issue date: 04/05/2026 Review date: 04/05/2031

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

Product Name: PARALOCK DUAL
Company: AHD
Telephone Number: (06) 873 3611
Supplier Product Code: AHDPARALOCKDUAL10L
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

GHS Classification:

Acute oral toxicity Category 4
Respiratory sensitisation Category 1
Skin sensitisation Category 1
Germ cell mutagenicity Category 2
Carcinogenicity Category 2
Reproductive toxicity Category 2
Effects on or via lactation
Specific target organ toxicity – repeated exposure Category 2
Hazardous to the aquatic environment chronic Category 1
Hazardous to soil organisms
Hazardous to terrestrial vertebrates
Hazardous to terrestrial invertebrates

GHS Pictograms:



Hazard Statements:

H302	Harmful if swallowed
H317	May cause an allergic skin reaction
H334	May cause allergy or asthma symptoms or breathing difficulties if inhaled
H341	Suspected of causing genetic defects
H351	Suspected of causing cancer
H361	Suspected of damaging fertility or the unborn child
H362	May cause harm to breast-fed children
H373	May cause damage to blood system and heart through prolonged or repeated exposure
H410	Very toxic to aquatic life with long lasting effects
H423	Harmful to the soil environment
H432	Hazardous to terrestrial vertebrates
H442	Hazardous to terrestrial invertebrates

Prevention Statements:

P102	Keep out of reach of children.
P103	Read label before use.

Prevention Statements: (Continued)

P201	Obtain special instructions before use.
P202	Do not handle until all safety precautions have been read and understood.
P260	Do not breathe dust/fume/gas/mist/vapours/spray
P261	Avoid breathing dust/fume/gas/mist/vapours/spray.
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.
	P273	Avoid release to the environment.
	P280	Wear protective gloves/protective clothing/eye protection/face protection
	P281	Use personal protective equipment as required.
	P285	In case of inadequate ventilation wear respiratory protection
Response Statements:	P101	If medical advice is needed, have product container or label at hand.
	P301 + P312	IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.
	P330	Rinse mouth.
	P304 + P341	IF INHALED: If breathing is difficult, remove to fresh air and keep at rest in a position comfortable for breathing.
	P342 + P311	If experiencing respiratory symptoms: Call a POISON CENTER or doctor/physician.
	P302 + P352	IF ON SKIN: Wash with plenty of soap and water.
	P333 + P313	If skin irritation or rash occurs: Get medical advice/attention.
	P363	Wash contaminated clothing before reuse.
	P308 + P313	IF exposed or concerned: Get medical advice/ attention.
	P314	Get medical advice/attention if you feel unwell.
	P391	Collect spillage.
Storage:	P405	Store locked up.
EPA NZ Approval Code:	HSR100758 Veterinary Medicines (Non-dispersive Closed System Application) Group Standard 2020	
Signal Word:	DANGER	

Section 3 – Composition Information

Chemical Entity	CAS No.	Content
Abamectin	71751-41-2	2 g/L
Levamisole hydrochloride	16595-80-5	80 g/L
Cobalt sulphate hepta	10026-24-1	2.5%
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 POISION 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.
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. Collect spillage.
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

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Section 8 – Exposure Controls/Personal Protection

These precautions are suggested for conditions where the potential for exposure to the product exists. Emergency conditions may require additional precautions.

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.

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	200 - 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 are 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.
Sensitisation:	Contact sensitiser.

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 wastewater 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. AHD 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

Proper Shipping Name:	Environmentally Hazardous Substance, liquid, N.O.S. (Abamectin, Selenium)
UN Number:	3082
DG Class:	9
Hazchem Code:	3Z
Packing Group:	III
Flashpoint:	N/A
Marine pollutant:	Yes

Section 15 – Regulatory Information

ERMA NZ Registration Code:	HSR100758 See http://www.epa.govt.nz for approval conditions
NZFSA Approval Number:	A012283 See www.foodsafety.govt.nz for registration conditions

Section 16 – Other Information

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

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

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