

SAFETY DATA SHEET



Virbac New Zealand Limited.

Flukecare + Se

Section 1: Identification of the Substance and Supplier

Product name:	Flukecare +Se
Recommended use:	For the treatment and control of benzimidazole sensitive mature and immature roundworms, lungworms, tapeworms and early immature (including 2 week old fluke), mature and immature liver fluke (<i>Fasciola hepatica</i>) in cattle and sheep.
Company details:	Virbac New Zealand Limited
Address:	30 – 32 Stonedon Drive, East Tamaki Auckland
Telephone number:	(09) 273 9501
Customer service toll free number:	0800 VIRBAC (0800 847 222) (Mon – Fri, 8.30 am – 4.30 pm) www.virbac.co.nz
Emergency telephone number:	National Poison Center: 0800 POISON (0800 764 766) New Zealand Emergency Service 111
Date of preparation:	May 2008

Section 2: Hazards Identification

Hazard classifications:	6.1D, 6.5B, 6.8B, 6.9B, 9.1B, 9.2D, 9.3C
Priority identifier:	WARNING KEEP OUT OF REACH OF CHILDREN ECOTOXIC
Secondary identifiers:	6.1D = Harmful if swallowed 6.5B = May cause an allergic skin reaction 6.8B = Suspected of damaging fertility or the unborn child

6.9B = May cause damage to organs through prolonged or repeated exposure
9.1B = Toxic to aquatic life with long lasting effects
9.2D = Harmful to the soil environment
9.3C = Harmful to terrestrial vertebrates

Keep out of reach of children.
Read label before use.
Obtain special instructions before use.
Do not handle until all safety precautions have been read and understood.
Avoid breathing vapors.
Contaminated clothing should not be allowed out of the work place. Wash contaminated clothing before reuse.
Avoid release to the environment.
Collect spillage.

Section 3: Composition / Information on Ingredients

Product components:	Ingredients	CAS Number	Proportion
	Oxfendazole	53716-50-0	5%
	Triclabendazole	68786-66-3	12%

Section 4: First Aid Measures

Eye Contact:	Rinse eyes cautiously with a large quantity of water for several minutes. If irritation occurs and persists, seek medical advice.
Skin Contact	Wash off skin with water and soap. If skin irritation occurs and persists, seek medical advice.
Inhalation:	If inhaled, remove the person to fresh air and keep at rest in a position comfortable for breathing. If breathing difficulties are experienced, seek medical advice immediately.
Ingestion:	Rinse mouth with water. Give plenty of water to drink. Contact a doctor or call the National Poisons Center on 0800 POISON (0800 764 766).
Workplace facilities:	No specific workplace facilities required.
Required instructions:	Avoid contact with skin and eyes. If skin or eyes

irritation occurs wash off immediately.

Notes for medical personnel:

If swallowed do NOT induce vomiting. Contact a doctor or call the National Poisons Center on 0800 POISON (0800 764 766)

Section 5: Firefighting Measures

Type of hazard:	Non-flammable
Fire hazard properties:	N/A
Regulatory requirements:	Do not handle until all safety precautions have been read and understood.
Extinguishing media and methods:	Water spray or fog / foam / dry chemical powder / carbon dioxide.
HAZCHEM:	N/A
Recommended protective clothing:	Breathing apparatus for fire only.

Section 6: Accidental Release Measures

Emergency procedures:	Wear sufficient respiratory protection where necessary and protective clothing to minimize skin exposure. If possible contain the spill. Place inert absorbent such as vermiculite, sand or dirt onto material.
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Section 7: Handling and Storage

Precautions for safe handling:	Wash hands thoroughly after handling. Wear protective gloves when handling. In case of inadequate ventilation wear respiratory protection. Contaminated work clothing should not be allowed out of the workplace. Avoid contamination of any water supply with chemical or empty container.
Approved handlers:	Not required
Conditions for safe storage:	See below
Store site requirements:	Store locked up. Store below 30°C in original container, tightly closed, in a cool dry place. Do not freeze.
Packing:	No specific packaging requirement.

Section 8: Exposure Controls / Personal Protection

Workplace Exposure Guidelines:	No working exposure standards have been established.
Exposure standards outside the workplace	No tolerable exposure limit (TEL) or environmental exposure limit (EEL) are set for this substance at this time.
Engineering controls:	N/A
Personal protective Equipment (PPE):	When handling bulk quantities, wear suitable gloves, protective clothing, to avoid prolonged breathing of dust or contact of dust with skin. Wash thoroughly with soap and water after handling.

Section 9: Physical and Chemical Properties

Appearance:	A white to off white suspension
Boiling Point:	N/A
Viscosity:	100 – 750 cps
Specific Gravity:	1.03 – 1.06
pH:	4.0 – 5.0
Solubility in Water:	Soluble

Section 10: Stability and Reactivity

Stability of the substance:	Stable under normal conditions of use.
Conditions to avoid	N/A
Material to avoid:	N/A
Hazardous decomposition products:	N/A
Hazardous polymerization:	N/A
Specific Data	N/A

Section 11: Toxicological Information

Ingestion	May be harmful if swallowed Suspected of damaging fertility or the unborn child. May cause harm to breastfed children. Avoid contact during pregnancy and while nursing.
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Summarize data: N/A
Format: N/A

Section 12: Ecological Information

Toxic to aquatic life with long lasting effects Acute toxicity – all values > 1 to ≤ 10 mg/L
96-hour LC_{50} (for fish)
48-hour EC_{50} (for crustacean)
72- or 96-hour ErC_{50} (for algae or other aquatic plants) and the substance is not rapidly degradable and or the $\log K_{ow} \geq 4$

Slightly harmful in the soil environment Acute EC_{50} of the tested mixture >10 and ≤ 100 mg/kg
The soil DT_{50} is ≤ 30 days

Harmful to terrestrial vertebrates $500 < LD50 \leq 2000$ mg/kg bw (oral or demal),
or $1000 < LC50 \leq 5000$ ppm (diet)

The above information is from [User Guide to the HSNO Thresholds and Classifications]

Section13: Disposal Considerations

Disposal information: Dispose of by use.
Triple or pressure rinse container including exterior and cap. Dispose of rinsate and any undiluted chemical according to local Government requirements.
Dispose of empty container by wrapping with paper and placing in the garbage, in accordance with the Territorial Local Authority. Avoid contamination of any water supply with chemical or empty container.
Toxic to fish. Do not contaminate dams, rivers, streams or other waterways with product or empty container.

Section14: Transport Information

Transport information: **Dangerous Goods Classification**
UN No: N/A
Class: N/A
Packing Group: N/A
Shipping Name: N/A

Section 15: Regulatory Information

Registration number: A0010203

For conditions of registration see <http://www.foodsafety.govt.nz>

HSNO Classification: ERMA Approval Code: **FK3CS**
HSR008036

For a full listing of controls see <http://www.epa.govt.nz>

Section 16: Other Information

Date of Revision: August 2012

For product information visit the Virbac website www.virbac.co.nz
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