



COMBITAK ORAL ANTHELMINTIC FOR SHEEP AND LAMBS

Abbey Animal Health Pty Ltd SAFETY DATA SHEET

Section 1- Identification of Product and Supplier

Supplier Company Details: Abbey Animal Health Pty Ltd
Address:, 16 Voyager Circuit, Glendenning NSW 2761, Australia
Telephone Number: 02 8088 0720
Facsimile Number: 02 8088 0721

Emergency Number: Australian Poisons Information Centre: 13 11 26 (24 Hour Service).

PRODUCT NAME

COMBITAK ORAL ANTHELMINTIC FOR SHEEP AND LAMBS

PRODUCT USE

For the control of gastrointestinal roundworms sensitive to benzimidazoles and levamisole including those resistant to either benzimidazoles or levamisole. For control of lungworm and tapeworm. Reduces the output of viable worm eggs.

Section 2- Hazards Identification

Statement of Hazardous Nature: Classified as hazardous according to Australian WHS regulations.

Poison schedule: 5

GHS classification:

Category 1B – Toxic to Reproduction

GHS Signal word: DANGER

Pictogram(s):



HAZARD STATEMENT(S):

H360: May damage fertility or the unborn child.

PREVENTION STATEMENTS(S):

P201: Obtain special Instructions before use.

P202: DO not handle until all safety precautions have been read and understood.

P281: Use personal protective equipment as required.

RESPONSE STATEMENTS(S)

P308 + P313: If exposed or concerned: get medical advice/attention.

STORAGE STATEMENTS (S):

P405: Store locked up.

DISPOSAL STATEMENTS(S):

P501: Dispose of contents/container in accordance with relevant regulations.

Section 3- Composition / Information on Ingredients
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INGREDIENTS:

Chemical Name	CAS Number	EC number	Proportion
Levamisole	14769-73-4	238-836-5	<10%
Albendazole	54965-21-8	259-414-7	<1 to 5%
Non-hazardous ingredients	Not available	Not available	Remainder

Section 4- First Aid Measures

Call Poisons Information Centre Phone Australia 131 126, if you feel that you may have been poisoned or irritated by this product.

Eye: If in eyes, hold eyelids apart and flush continuously with running water. Continue flushing until advised to stop by a Poisons Information Centre, a doctor, or for at least 15 minutes.

Inhaled: If inhaled, remove from contaminated area. Apply artificial respiration if not breathing.

Skin: If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running water. Continue flushing with water until advised to stop by a Poisons Information Centre or a doctor.

Ingestion: For advice, contact a Poison Information Centre on 13 11 26 (Australia Wide) or a doctor (at once).

Most important symptoms and effects, both acute and delayed

See Section 11 for more detailed information on health effects and symptoms.

Immediate medical attention and special treatment needed

Treat symptomatically.

Section 5- Fire Fighting Measures

Extinguishing media: Use an extinguishing agent suitable for the surrounding fire.

Special hazards arising from the substance or mixture: Non-flammable. May evolve carbon oxides and hydrocarbons when heated to decomposition.

Advice for firefighters: Treat as per requirements for surrounding fires. Evacuate area and contact emergency services. Remain upwind and notify those downwind of hazard. Wear full protective equipment including Self Contained Breathing Apparatus (SCBA) when combating fire. Use waterfog to cool intact containers and nearby storage areas.

Hazchem code: None allocated.

Section 6 - Accidental Release Measures

Personal precautions, protective equipment and emergency procedures: Wear Personal Protective Equipment (PPE) as detailed in section 8 of the SDS.

Environmental precautions: Prevent product from entering drains and waterways.

Methods of cleaning up: Contain spillage, then cover / absorb spill with non-combustible absorbent material (vermiculite, sand, or similar), collect and place in suitable containers for disposal.

Reference to other sections: See Sections 8 and 13 for exposure controls and disposal.

Section 7 - Handling and Storage

Precautions for safe handling: Before use carefully read the product label. Use of safe work practices are recommended to avoid eye or skin contact and inhalation. Observe good personal hygiene, including washing hands before eating. Prohibit eating, drinking and smoking in contaminated areas.

Conditions for safe storage, including any incompatibilities: Store in cool, dry, well-marked area, removed from incompatible substances, foodstuffs and other drugs. Storage areas and containers should be clearly marked for drug holding, protected from light, freezing or physical damage are tightly sealed when not in use. Keep out of reach of children.

Storage: Store below 30°C (room temperature) in original container, tightly closed in a dry place.

Section 8 - Exposure Controls / Personal Protection

The following Australian Standards will provide general advice regarding safety clothing and equipment:

Respiratory equipment: AS/NZS 1715, Protective Gloves: AS 2161, Occupational Protective Clothing: AS/NZS 4501 set 2008, Industrial Eye Protection: AS1336 and AS/NZS 1337, Occupational Protective Footwear: AS/NZS2210.

SWA Exposure Limits TWA (mg/m³) STEL (mg/m³)

Exposure limits have not been established by SWA for this product.

The ADI for Levamisole is set at 0.003 mg/kg/day. The corresponding NOEL is set at 6 mg/kg/day. The ADI for Albendazole is set at 0.05 mg/kg/day. The corresponding NOEL is set at 5 mg/kg/day. ADI means Acceptable Daily Intake; NOEL means No-observable-effect-level. Data from Australian ADI List, SEPT 2020.

Section 9 - Physical and Chemical Properties

Appearance	Light blue liquid.
Odour	Mild odour
Flammability	Non flammable
Flash point	Not relevant
Boiling point	Not available
Melting point	Not available
Evaporation rate	As for water
Vapour density	Not available
Solubility (water)	Soluble
Vapour pressure	Not available
Upper explosion limit	Not relevant
Lower explosion limit	Not relevant
Partition coefficient	Not available
Autoignition temperature	Not available
Decomposition temperature	Not available
Viscosity	Not available
Oxidising properties	Not available

Section 10 - Stability and Reactivity

Reactivity: Carefully review all information provided in following two sections (Chemical stability and Possibility of hazardous reactions).

Chemical stability: Stable under recommended conditions of storage.

Possibility of hazardous reactions: Polymerization is not expected to occur.

Conditions to avoid: Avoid heat, sparks, open flames and other ignition sources.

Incompatible materials: Incompatible with oxidising agents (e.g. hypochlorites), acids (e.g. nitric acid) and alkalis (e.g. sodium hydroxide).

Hazardous decomposition products: May evolve carbon oxides and hydrocarbons when heated to decomposition.

Section 11 - Toxicological Information

Information on toxicological effects

Acute toxicity Information available for the product:

May be harmful. This product is used in veterinary applications. Use safe work practices to avoid eye contact, prolonged skin contact and ingestion. Refer to medical doctor/specialist for advice regarding adverse side effects.

Information available for the ingredient(s):

Ingredient	Oral Toxicity (LD50)	Dermal Toxicity (LD50)	Inhalation Toxicity (LC50)
ALBENDAZOLE	1500 mg/kg (mouse)	--	--

Skin: Not classified as a skin irritant. Contact may cause temporary mild skin irritation.

Eye: Not classified as an eye irritant. Contact may cause mild irritation and lacrimation.

Sensitisation: Not classified as causing respiratory sensitisation. Some evidence suggests albendazole is a possible skin sensitiser.

Mutagenicity: Not classified as a mutagen. Some studies have shown albendazole is an in vivo somatic cell mutagen and probably acts as an aneuploidogen. However, aneuploidogens are considered to have a threshold exposure below that which will not represent a risk to humans or animals.

Carcinogenicity: Not classified as a carcinogen.

Reproductive: There is sufficient data to indicate that albendazole may damage fertility or the unborn child.

Specific target organ toxicity – single exposure: Symptoms of levamisole toxicity mimic organophosphate toxicity (salivation, lacrimation, urination and defecation, hyperesthesia, seizures and irritability). Acute over exposure to levamisole has been reported to cause agranulocytosis (depletion of the white blood cells). Symptoms of agranulocytosis include sore throat, persistent or recurrent fever, swollen glands and skin infections.

Specific target organ toxicity – repeated exposure: Not classified as causing organ damage from repeated exposure.

Aspiration: Not classified as causing aspiration.

Section 12 - Ecological Information

Albendazole and Levamisole are extremely toxic to aquatic species. DO NOT contaminate dams, rivers or streams or other water ways with the drench or used containers.

Section 13 - Disposal Considerations

Disposal:

Triple-rinse container and dispose of rinsate in compliance with relevant local, state or territory government regulations. Do not dispose of undiluted chemicals on-site. If recycling, replace cap and return clean container to recycler or designated collection point. If not recycling, break, crush, or puncture container and deliver to an approved waste management facility. If an approved waste management facility is not available, bury the broken, crushed or punctured containers 500 mm

below the surface in a disposal pit specifically marked and set up for this purpose clear of waterways, vegetation and tree roots, in compliance with relevant local, state or territory government regulations. Do not burn empty containers or product.

Section 14 - Transport Information

No specific transport considerations apply since *COMBITAK ORAL ANTHELMINTIC FOR SHEEP AND LAMBS* is NOT classified as a dangerous good according to Australian Dangerous Goods (ADG) Code.

Section 15 - Regulatory Information

Poison Schedule: S5

APVMA Approval Number: 81548

Approved pack size: 10L

For more information please refer to the APVMA approved product label

Section 16 – Other Information

Abbey Animal Health Pty Ltd

Telephone Number: 02 8088 0720

Facsimile Number: 02 8088 0721

Emergency Number: Australian Poisons Information Centre: 13 11 26 (24 Hour service).

This Safety Data Sheet (SDS) summarizes our best knowledge of the health and safety hazard information of the product according to the GHS requirements and how to safely handle and use the product in the workplace.

Each user must review this SDS in the context of how the product will be handled and used in the workplace.

If clarification or further information is needed to ensure that an appropriate risk assessment can be made, the user should contact this company.

Note: This SDS is valid for 5 years from the effective date