

**VETMEC DUAL ORAL DRENCH FOR SHEEP & LAMBS**

Version: NOV 2009

Page 1 of 7

**STATEMENT OF HAZARDOUS NATURE:**

Hazardous according to the criteria of Worksafe Australia.

**COMPANY DETAILS**

Company: Chemvet Australia Pty Limited. A.C.N. 059 380 068  
Address: 1 / 8 Rocklea Drive, Port Melbourne , VIC 3207

Telephone No.: 1800243683  
Web: [www.chemvet.com.au](http://www.chemvet.com.au)

**IDENTIFICATION**

Product Name: VETMEC DUAL ORAL DRENCH FOR SHEEP & LAMBS  
Other Names: None.  
Product Code: None.  
UN No: None allocated  
Hazchem Code: None allocated  
Dangerous Goods  
Class: None allocated  
Sub Risk Class: None allocated  
Packaging Group: None allocated  
Poison Schedule: S5  
Chemical Family: Blend of ingredients (see below).

Uses: Broad spectrum sheep and lamb drench.

**PHYSICAL DESCRIPTION & PROPERTIES**

**Appearance & Odour:** Blue liquid. Mild odour.

**Melting/softening point:** No specific data. Liquid at normal temperatures.

## VETMEC DUAL ORAL DRENCH FOR SHEEP &amp; LAMBS

Version: NOV 2009

Page 2 of 7

-----  
**Boiling point and vapour pressure:** Boils at about 100°C at 100kPa.

**Volatile materials:** No specific data. Expected to be about 80-90% at 100°C.

**Flashpoint:** Does not burn.

**Specific gravity:** No data.

**Solubility in water:** Soluble.

**Corrosiveness:** Not corrosive.

## INGREDIENTS:

Chemical	CAS No	Proportion	Worksafe Exposure Limits	
			TWA, mg/m <sup>3</sup>	STEL, mg/m <sup>3</sup>
Levamisole hydrochloride	16595-80-5	8.25	not set	not set
Albendazole oxide	54965-21-8	3.6	not set	not set
Other non hazardous ingredients including water	secret	to 100	not set	not set

## HEALTH HAZARD INFORMATION

## HEALTH EFFECTS

No specific data are available for the product for chronic exposure symptoms. The ingredients are not listed as carcinogenic in Worksafe's document "Exposure Standards for Atmospheric Contaminants in the Occupational Environment" (May 1995).

**Acute Effects:**

Considered to be harmful by ingestion. Contact with skin may result in irritation. Will have a degreasing action on the skin. Can be absorbed through the skin with resultant toxic effects, but only at high dose levels.

**Swallowed:** Data suggest that this product is harmful if swallowed.

**VETMEC DUAL ORAL DRENCH FOR SHEEP & LAMBS**

Version: NOV 2009

Page 3 of 7

-----  
**Eye:** This product may irritate eyes. However, it is unlikely to cause any more than mild transient discomfort. It is also unlikely to cause any significant lasting effects.

**Skin:** This product may irritate skin. However, it is unlikely to cause more than minor discomfort or effects such as itchiness or slight skin reddening.

**Inhalation:** Data suggest that this product should present no significant problems to typical persons if used as intended.

**FIRST AID:**

In the case of poisoning by any exposure route contact a doctor or Poisons Information Centre (Ph: 131126).

**Swallowed:** DO NOT induce vomiting.

**Eyes:** If product gets in eyes, wash material from them with running water. If they begin watering or reddening, take special care in washing thoroughly.

**Skin:** If product gets on skin, thoroughly wash contacted areas. No further measures should normally be required unless irritation is noticed. If irritation persists, seek medical attention.

**Inhalation:** No first aid measures normally required. However, if vapours or mists have been inhaled, and irritation has developed, remove to fresh air and observe until recovered. If irritation becomes painful or persists more than about 30 minutes, seek medical advice.

**Advice to Doctor:** Treat symptomatically. Note the nature of this product.

<b>PRECAUTIONS FOR USE</b>
----------------------------

**ALWAYS READ AND FOLLOW THE LABEL INSTRUCTIONS AND WARNINGS**

Risk Phrases are: R22. Harmful if swallowed.

**Exposure Standards:**

**VETMEC DUAL ORAL DRENCH FOR SHEEP & LAMBS**

Version: NOV 2009

Page 4 of 7

-----

A time weighted average (TWA) concentration for an 8 hour day, and 5 day week has not been established by Worksafe Australia for any of the major ingredients in this product. There is a blanket limit of 10mg/m<sup>3</sup> for dusts or mists when limits have not otherwise been established. The nature of this product makes it unlikely that this level will be approached in normal use. The ADI (Acceptable Daily Intake) for Albendazole is set at 0.05mg/kg/day. The corresponding NOEL (No-observable-effect-level) is set at 5mg/kg/day. The ADI (Acceptable Daily Intake) for Levamisole is set at 0.003mg/kg/day. The corresponding NOEL (No-observable-effect-level) is set at 6mg/kg/day.

Values taken from Australian ADI List, May 1998.

**Engineering Controls:**

In industrial situations, concentration values below the TWA value should be maintained. Values may be reduced by process modification, use of local exhaust ventilation, capturing substances at the source, or other methods. If you believe air borne concentrations of mists, dusts or vapours are high, you are advised to modify the process or environment to reduce the problem.

**Personal Protection:**

**Respiratory Protection:** It is usually safe to not use a dust mask or respirator protection on account of this product. However, if the product is being used in dusty or confined conditions, use of a mask or respirator may be preferred. For help in selecting suitable equipment, consult AS/NZS 1715.

**Protective Gloves:** Impermeable protective gloves should be worn when you are using this product, to prevent irritation. For help in selecting suitable equipment, consult AS 2161.

**Eye Protection:** Protective eyewear is not normally necessary when using this product. However, it is always prudent to use protective eyewear. Consult AS1336 and AS/NZS 1337 for advice on Industrial Eye Protection.

**Clothing:** This product is essentially safe to use without special protective clothing. However, its use is recommended as a good industrial practice. Clean overalls or protective clothing

**VETMEC DUAL ORAL DRENCH FOR SHEEP & LAMBS**

Version: NOV 2009

Page 5 of 7

-----  
should be worn, preferably with an apron. Consult AS2919 for advice on Industrial Clothing.

**Safety Boots:** Wearing safety boots in industrial situations is advisory. Consult AS/NZS2210 for advice on Occupational Protective Footwear.

Always wash hands before smoking, eating or using the toilet. Wash contaminated clothing and other protective equipment before storing or re-using.

Safety Phrases are: S20, S24/25. When using, do not eat or drink. Avoid contact with skin and eyes.

**Storage & Transport**

No special storage and transport requirements. This product has no UN classification. This product is a S5 Poison. Observe all relevant regulations regarding sale, transport and storage of this class of product. Containers should be kept closed in order to minimise contamination. Keep from extreme heat and open flames, and make sure that the product does not come into contact with substances listed under "Materials to avoid" below.

**Spills & Disposals**

In the event of a major spill, prevent spillage from entering drains or water courses. Evacuate the spill area and deny entry to unnecessary and unprotected personnel. Wear full protective clothing including face mask, face shield and gauntlets. All skin areas should be covered. Thoroughly launder protective clothing before storage or re-use. See above under Personal Protection regarding Australian Standards relating to personal protective equipment. Stop leak if safe to do so, and contain spill. Absorb onto sand, vermiculite or other suitable absorbent material. Sweep up and shovel or collect recoverable product into labelled containers for recycling or salvage. Recycle containers wherever possible. After spills, wash area preventing runoff from entering drains. If a significant quantity of material enters drains, advise emergency services. This material may be suitable for approved landfill. Dispose of only in accord with all regulations. Advise laundry of nature of contamination when sending contaminated clothing to laundry.

***Dispose of empty, used containers by:***

(a) Triple rinsing with water. Add the rinsings to the tank mix or dispose of rinsate in a disposal pit away from desirable plants and their roots, and watercourses. On-site disposal of undiluted product is unacceptable.

**VETMEC DUAL ORAL DRENCH FOR SHEEP & LAMBS**

Version: NOV 2009

Page 6 of 7

- 
- (b) Breaking, crushing or puncturing the container to prevent reuse.  
(c) Disposing of in a local authority landfill site that does not burn its refuse.

If there is no local authority landfill readily available in your area, bury the containers under at least 50 cm of soil at a licensed/approved disposal site. **DO NOT** burn empty containers or product.

**Fire & Explosion Hazard**

There is no risk of an explosion from this product under normal circumstances if it is involved in a fire.

**Flashpoint:** Does not burn.

**Flammability limits:** Not applicable. This product does not burn.

**Extinguishing Media:** This product does not burn. Use extinguishing media suited to the materials that are burning.

**Special Fire Fighting procedures:** No special fire fighting clothing is necessary on account of this product. However, as a minimum, wear safety shoes and overalls.

**Unusual Fire & Explosion Hazards:** Fire decomposition products from this product may form toxic and corrosive mixtures in confined spaces. Likely to decompose only after heating to dryness followed by further strong heating.

**Stability:** This product is unlikely to spontaneously decompose.

**Polymerisation:** This product is unlikely to spontaneously polymerise.

**Decomposition Products:** Small quantities of carbon dioxide, and if combustion is incomplete, carbon monoxide and smoke. Nitrogen, and under some circumstances, oxides of nitrogen. Hydrogen chloride gas, chlorides, and in some circumstances, phosgene which is a toxic gas. Water. Likely to decompose only after heating to dryness followed by further strong heating.

**Materials to avoid:** No particular incompatibilities.

Note: This product is a registered veterinary chemical and must therefore be used in accordance with the container label directions. A comprehensive package of toxicological and environmental data for the active ingredients of this product has been submitted to the Federal health and environment authorities and has been evaluated by expert toxicologists and environmental scientists.

**VETMEC DUAL ORAL DRENCH FOR SHEEP & LAMBS**

Version: NOV 2009

Page 7 of 7

---

**CONTACT POINT:** Regulatory Affairs Manager 03 96453543

This Material Safety Data Sheet summarises our best knowledge of the health and safety hazard information of the product and how to safely handle and use the product in the workplace. Each user should read this MSDS and consider the information in the context of how the product will be handled and used in the workplace including in conjunction with other products. If clarification or further information is needed to ensure that an appropriate risk assessment can be made, the user should contact this company.