

**VETMEC- POURON FOR CATTLE**

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**STATEMENT OF HAZARDOUS NATURE**

Not a Dangerous Good according to the Australian Dangerous Goods (ADG) Code.

**COMPANY DETAILS**

COMPANY	Chemvet Australia Pty Limited
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WEB	www.chemvet.com.au

**IDENTIFICATION**

PRODUCT NAME	VETMEC Pour-on for Cattle
OTHER NAMES	None allocated
MAN PRODUCT CODE	None Allocated
UN NUMBER	None allocated
DANGEROUS GOODS CLASS & SUBSIDIARY RISK	Not classified as a dangerous good
HAZCHEM CODE	None allocated
POISON SCHEDULE NUMBER	5
USE	Control of internal and external parasites in cattle; for use as described on the product label

**PHYSICAL DESCRIPTION/PROPERTIES**

APPEARANCE	Clear to yellow odourless Liquid
SPECIFIC GRAVITY	0.940 – 0.950 @ 20°C
VISCOSITY	Not Available

**OTHER PROPERTIES****INGREDIENTS**

Chemical Entity	CAS Number	Proportion
Ivermectin	70288-86-7	10 g/L
Solvent/Oil	Non Hazardous	to 1 Litre

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<b>HEALTH HAZARD INFORMATION</b>
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## HEALTH EFFECTS

## ACUTE

Swallowed:	Pure ivermectin is considered highly toxic in acute animal studies. Symptoms noted for overexposure to ivermectin included decreased activity, slow rate of breathing, dilation of the pupils, muscle tremors, and unco-ordination. In humans, no toxic effects have been noted at doses up to 200µg/kg.
Eye:	Under normal conditions of use no eye contact is expected. Direct contact of the solution with the eyes can cause irritation.
Skin:	<b>Under normal conditions of use, no skin contact is expected.</b> The skin absorption potential of this formulation is unknown. Contact may cause some skin irritation.
Inhaled:	Not an expected route of exposure for this formulation.

CHRONIC EXPOSURE :	Unknown in humans for this formulation. Chronic exposure to ivermectin in other species can cause harmful and toxic effects.
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**FIRST AID**

Swallowed	Give water to dilute. Contact physician.
Eye	Wash out with running water.
Skin	Wash with soapy water.
Inhaled	Remove to fresh air.
First Aid Facilities	If poisoning occurs, contact a doctor or Poisons Information Centre, Phone 131126.
ADVICE TO DOCTOR	Observation, symptomatic treatment.

<b>FIRE FIGHTING MEASURES</b>
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Flash Point:	Not applicable.
Extinguishing Media:	Not applicable
Unusual Fire and Explosion Hazards:	Not applicable.
Hazardous Combustion Products:	Not applicable
Additional Information:	Not applicable

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**ACCIDENTAL RELEASE MEASURES**

Accidental Release	<p>Use any personal protective equipment listed in Section 8 of this MSDS.</p> <p>Prevent spillage from spreading or entering soil, waterways or drains.</p> <p>Take up with absorbent material such as sawdust, peat or chemical binder. Fill material along with any contaminated soil etc, into sealable containers. Clean affected area with aqueous detergent and small amount of water. Absorb this detergent or water with absorbent material. Place cleaning materials into the same container. Do not eat, drink or smoke during clean-up operation.</p>
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**HANDLING & STORAGE**

Handling:	<p>Exposure to this product should be kept to a minimum. Try not to keep large quantities of this product in work areas. Make sure the personal protective measures listed in Section 8 of this MSDS are followed.</p>
Storage:	<p>Store below 30°C (Room Temperature).</p>

**EXPOSURE CONTROLS & PERSONAL PROTECTION**

Exposure Limits	<p>No exposure limits allocated for ivermectin. Ventilation</p>
Eye Protection	<p>No ventilation required under normal conditions. No eye protection required under normal conditions of use. Under other conditions of use wear safety goggles.</p>
Skin Protection	<p>No skin protection required under normal conditions of use. Under other conditions of use wear rubber gloves. Wash hands before breaks and at end of work.</p>
Respirator	<p>No respirator is required under normal conditions.</p>
Protective Material	<p>Rubber, latex.</p>

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## General Advice

Avoid contact with eyes and skin. Clean working clothes and protective equipment with soap and water. Change badly soiled or soaked clothing. Wash hands before breaks and at the end of work. If product is splashed on skin, immediately wash area with soap and water. When using do not eat, drink or smoke.

<b>PHYSICAL &amp; CHEMICAL PROPERTIES</b>
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Physical State	Liquid
Colour	Clear
Odour	No data
Boiling Point	Not available
Vapour Pressure	No applicable information found
Vapour Density	Not available
Specific Gravity	0.940 – 0.950 @ 20°C
Viscosity	Not available
Solubility in water	Formulation slightly soluble in water
pH	Information not available
Other Information	None

<b>STABILITY &amp; REACTIVITY</b>
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Stability:	Stable at normal temperatures and pressures.
Incompatibility:	N/A
Hazardous Decomposition:	N/A
Hazardous Polymerization:	Will not occur.

<b>TOXICOLOGICAL INFORMATION</b>
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## Animal Toxicity Data Single Exposure - Ivermectin

Oral:	Rat, LD 50 51.8 mg/kg.
Skin:	Rabbit, slightly irritating.
Inhalation:	Rat, 0.4mg/kg, no deaths or systemic toxicity, slight eye irritation.
Eye Contact:	No data available.

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Animal Toxicity Data Repeat Exposure

No data is available for (Ivermectin).

**ECOLOGICAL INFORMATION**

Ecotoxicity Data: Ivermectin : Daphnia magna 48-hour median effective concentration: > 300 mg/L

Environmental Fate: Ivermectin Binds strongly to soil and degrade over time.

**DISPOSAL CONSIDERATIONS**

Disposal of Containers

Triple rinse containers before disposal then dispose of rinsings in a disposal pit away from desirable plants and watercourses. The disposal of undiluted chemicals is unacceptable. Destroy empty containers by breaking, crushing or puncturing or shredding them where applicable. Dispose of the containers at a local authority landfill readily available in your area. If no land fill is available, bury the containers at a depth of 500mm or more at a licensed/approved disposal site. In some states wastes can only be buried at a licensed landfill. Do NOT burn empty containers or product. Clean up spillages promptly.

**TRANSPORT INFORMATION**

ADG Code: This product is not classified as a Dangerous Good. No special transport requirements necessary.

**REGULATORY INFORMATION**

Regulations

All of the significant ingredients in this formulation are found on the following regulatory list:

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 Australian Inventory of Chemical Substances (AICS).

Ivermectin is mentioned in the Standard for the Uniform Scheduling of Drugs and Poisons (SUSPD).

OTHER INFORMATION
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## Acronyms

ADG Code.	Australian Code for the Transport of Dangerous Goods by Road & Rail.
AICS.	Australian Inventory of Chemical Substances
CAS Number.	Chemical Abstracts Service Registry Number.
Hazchem Number.	Emergency action code of numbers and letters that provide information to emergency services especially firefighters.
NOHSC.	National Occupational Health and Safety Commission.
SUSDP.	Standard for the Uniform Scheduling of Drugs and Poisons.
UN Number.	United Nations Number

## Disclaimer

This Material Safety Data Sheet has been developed according to the NOHSC National Code of Practice for the Preparation of MSDS [NOHSC:2011(2003)]. The data, information and recommendations here (information) are represented in good faith and believed to be correct as of the date hereof. The purpose of this Material Safety Data Sheet is to describe the product in terms of their safety requirements. Bomac Animal Health Pty Limited make no representation of merchantability, fitness for a particular purpose or application, or of any other nature with respect to the information or the product which the information refers (“the product”).

The information is supplied on the condition that the persons receiving same will make their own determination as to its suitability for their purposes prior to using the product. The physical data shown herein are typical values based on material tested. These values should not be construed as a guaranteed analysis of any specific lot or as guaranteed specification for the product or specific lots thereof.

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Due care should be taken to make sure that the use or disposal of this product and / or its packaging is in compliance with relevant Federal, State and Local Government regulation

MATERIAL SAFETY DATA SHEET

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