

CampyVax4[®]

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Section 1: Identification of the Substance and Supplier

Product name	CampyVax4
Recommended use	Veterinary Vaccine for the immunisation of sheep to protect against abortions and perinatal losses due to <i>Campylobacter fetus fetus</i> and for eliciting a specific immune response to <i>Campylobacter jejuni</i> .
Company details	Intervet Limited 12 Shakespeare Ave, Upper Hutt Phone: 0800 447 838, Fax 0800 424 838 Website: www.intervet.co.nz Hours 8am – 5 pm, Mon – Fri
Emergency telephone	0800 764 766 (0800 POISON) 24 hours human health 0800 243 622 (0800 CHEMCALL) 24 hours
Date of preparation	September 2008

Section 2: Hazards Identification

Hazard classifications	6.5B
Priority identifiers	Warning
Secondary identifier	6.5B May cause an allergic skin reaction
Risk & Safety Phrases	R43 May cause sensitisation by skin contact

Section 3: Composition/Information on Ingredients

Chemical name	CAS number	Concentration
Dead formalin-killed <i>Campylobacter fetus fetus</i> and <i>C. jejuni</i> bacteria (4 strains in total)	-	<7% v/v
Formalin	50-00-0	<1%
Thiomersal	54-64-8	<1%

Section 4: First Aid Measures**Necessary first aid measures**

ACCIDENTAL SELF-INJECTION: Obtain medical attention - show this SDS. Accidental self injection may lead to an inflammatory response and medical advice should be sought on the management of deep injections, particularly those near a joint or associated with bruising. If possible the application of gentle squeezing pressure with absorbent material (e.g. facial tissues) at the injection site will swab up unabsorbed vaccine. Strong squeezing of the site should be avoided. The damaged area should be thoroughly cleansed and a topical antiseptic applied.

SKIN CONTACT: In case of skin contact, while wearing protective gloves, carefully remove any contaminated clothing, including shoes, and wash skin thoroughly with soap and water. If irritation or symptoms occur or persist, consult a doctor.

EYE CONTACT: In case of eye contact, immediately rinse eyes thoroughly with plenty of water. If wearing contact lenses, remove only after initial rinse, and continue rinsing eyes for at least 15 minutes. If irritation occurs or persists, consult a doctor.

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INGESTION: Rinse mouth and drink a glass of water. Do not induce vomiting unless under the direction of a qualified medical professional or National Poisons Centre. If symptoms persist, consult a doctor.

INHALATION: Remove to fresh air and provide oxygen if necessary. If any trouble breathing, get immediate medical attention. Administer artificial respiration if breathing has ceased. If irritation or symptoms occur or persist, consult a doctor.

Required instructions	For advice contact the National Poisons Centre 0800 POISON (0800 764 766) or a doctor.
Notes for medical personnel	Accidental self-injection: May result in serious reaction to the adjuvant and possibly pyrexia due to lipopolysaccharides in the killed bacterin. Treat symptomatically. Some risk of hypersensitivity from injection. Contamination of the needle must be considered.
Workplace facilities	Emergency showers and eyewashes may be warranted depending on quantity and type of use.

Section 5: Fire Fighting Measures

Type of hazard	Not classified as flammable
Fire hazard properties	Not applicable
Regulatory requirements	Not applicable
Extinguishing media and methods	Carbon dioxide (CO ₂), extinguishing powder or water spray
Hazchem code	None allocated
Recommended protective clothing	Wear self-contained breathing apparatus (SCBA) plus protective gloves.

Section 6: Accidental Release Measures

Emergency procedures	Wear chemical resistant gloves and overalls, facemask or goggles. Prevent further spillage. Adsorb spilled product and place in sealable container for disposal. Wash down affected area with water plus detergent. Absorb and collect washings and place in the same sealable container for disposal. Seek advice from the local authority regarding disposal.
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Section 7: Handling and Storage

Precautions for safe handling	Avoid contact with skin, eyes, and mucosa. Keep containers adequately sealed during material transfer, transport, or when not in use. See Section 8 (Exposure Controls) for additional guidance.
Regulatory requirements	Emergency Plan required where quantities greater than 1000L are present.
Handling practices	Avoid contact with skin. Keep containers adequately sealed during material transfer, transport, or when not in use.
Approved handlers	Not required.
Conditions for safe storage	See below

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Store site requirements Store away from light at 2-8°C. Do not freeze. Keep out of reach of children.

Packaging PG III (Limited Quantities Schedule 4)

Section 8: Exposure Control/Personal Protection

Workplace exposure standards No WES is set for this substance at this time.

Application in the workplace Ensure adequate ventilation. Keep container sealed when not in use.

Exposure standards outside the workplace No TEL is set for this substance at this time
No EEL is set for this substance at this time

Personal protection Wear chemical resistant gloves, facemask or goggles.

Engineering controls The health hazard risks of handling this material are dependent on many factors, including physical form, duration and frequency of process or task, and effectiveness of engineering controls. Site-specific risk assessments should be conducted to determine the feasibility and the appropriateness of all exposure control measures. Exposure controls for normal operating or routine procedures follow a tiered strategy. Engineering controls are the preferred means of long-term or permanent exposure control. If engineering controls are not feasible, appropriate use of personal protective equipment (PPE) may be considered as alternative control measures. Exposure controls for non-routine operations must be evaluated and addressed as part of the site-specific risk assessment.

Section 9: Physical and Chemical Properties

Appearance	Slightly viscous liquid vaccine
Boiling Point	Not available
Melting/Softening point	Not applicable
Vapour Pressure	Not determined
Specific Gravity	Not determined
Solubility (H ₂ O)	Soluble
Percent Volatiles	Not determined
Evaporation Rate	Not determined

Section 10: Stability and Reactivity

Stability of the substance Stable under normal conditions.

Conditions to avoid Avoid high temperatures

Material to avoid Avoid food products

Hazardous decomposition products No dangerous decomposition is expected if used according to manufacturer's specifications.

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Section 11: Toxicological Information

Acute effects for individual ingredients only

ORAL	Thiomersal: LD50 40mg/kg/bw (rat) [ERMANZ]
TEL	No TEL is set for this substance at this time.

Chronic/long term effects for individual ingredients only

Thiomersal has been documented as a sensitiser. [All references from NTP]

Section 12: Environmental Information

Effects for individual ingredients only.

EEL No EEL is set for this substance at this time.

Section 13: Disposal Considerations

Disposal information

Disposal

Dispose of this product only by using according to the label, or at an approved landfill, or other approved facility.

Container Disposal

Bury in an approved landfill or other approved facility. Used needles should immediately be placed in a designated and appropriately labelled "sharps" container.

Reference

Current version of NZS 8409 Management of Agrichemicals

Section 14: Transport Information

Relevant information

Not classified as a dangerous good for transport

Section 15: Regulatory Information

Regulatory status

HSNO Approval Code: HSR000015.
For a full listing of controls see www.ermanz.govt.nz
ACVM registration number: A09535.
For conditions of registration see www.nzfsa.govt.nz/acvm

Prescription Animal Remedy (P.A.R) Class I
For use only under the authority or prescription of a veterinarian.

HSNO and ACVM controls

Emergency Plan: 1000 Litres

Section 16: Other Information

Additional information

Campyvax is a registered trademark of AgVax Developments Limited.

Intervet Limited urges each user or recipient of this SDS to read the entire data sheet to become aware of the potential hazards associated with this material. This SDS summarises, at the date of issue, our best knowledge of the health and safety hazard information. Although reasonable care has been taken in the preparation of this document, Intervet Limited extend no warranties and make no representations as to the accuracy or completeness of the information contained therein, and assume no responsibility regarding the suitability of this information for the user's intended purposes or for the consequence of its use. Each individual should make a determination as to the suitability of the information for their particular purpose(s).