

Material Safety Data Sheet

Infosafe No™ LQ08F Issue Date : August 2011 ISSUED by BOEHRING

Product Name : **PROTECH C4**

Not classified as hazardous

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name PROTECH C4
Company Name Boehringer Ingelheim Pty. Limited
Address 78 Waterloo Rd North Ryde
NSW 2113 Australia
Emergency Tel. 1800 038 037
Telephone/Fax Number Tel: 1800 038 037
Fax: +61 2 8875 8715
Email animalhealth.au@boehringer-ingelheim.com
Recommended Use For the immunisation of healthy dogs, 6 weeks of age or older, to protect against disease caused by canine distemper virus, canine adenovirus type 1, canine adenovirus type 2 canine parainfluenza virus and canine parvovirus.

2. HAZARDS IDENTIFICATION

Hazard Classification Not classified as hazardous
NON-HAZARDOUS SUBSTANCE.
NON-DANGEROUS GOODS.
Hazard classification according to the criteria of NOHSC.
Dangerous goods classification according to the Australia Dangerous Goods Code.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Information on Composition Protech C4 contains live attenuated canine distemper virus, canine adenovirus type 2, canine parainfluenza virus and canine parvovirus. A lyophilised vaccine for reconstitution with sterile water.

Ingredients	Name	CAS	Proportion
	Ingredients determined not to be hazardous	-	Balance
	Live virus vaccine		-

4. FIRST AID MEASURES

Inhalation No special precautions required. However, if inhaled, remove affected person from contaminated area. Keep at rest until recovered. If symptoms persist seek medical attention.

Ingestion Do not induce vomiting. Wash out mouth thoroughly with water. If symptoms develop seek medical attention.

Skin Wash affected area thoroughly with soap and water. If symptoms develop seek medical attention.

Self-Injection: 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.

Eye If in eyes, hold eyelids apart and flush the eyes continuously with running water. Continue flushing for several minutes until all contaminants are washed out completely. If symptoms develop and persist seek medical attention.

First Aid Facilities Eyewash and normal washroom facilities.

Advice to Doctor Treat symptomatically.

Other Information For advice in an emergency, contact a Poisons Information Centre (Phone Australia 13 1126) or a doctor at once.

5. FIRE FIGHTING MEASURES

Suitable Extinguishing Media Use appropriate fire extinguisher for surrounding environment.

Material Safety Data Sheet

infosafe
CS: 1.7.2

Page: 2 of 4

Infosafe No™ LQ08F Issue Date : August 2011 ISSUED by BOEHRING

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Hazards from Combustion Under fire conditions this product may emit toxic and/or irritating fumes.

Products Specific Hazards Non flammable.

Precautions in connection with Fire Fire fighters should wear Self-Contained Breathing Apparatus (SCBA) operated in positive pressure mode and full protective clothing to prevent exposure to vapours or fumes. Water spray may be used to cool down heat-exposed containers.

6. ACCIDENTAL RELEASE MEASURES

Emergency Procedures For minor spills: refer to product label for specific instructions. It is good practice to wear latex gloves when handling vaccines. Avoid inhalation of dust/fumes, and skin or eye contact. Sweep up material avoiding dust generation or dampen spilled material with water to avoid airborne dust, and then transfer material to a suitable labelled container for subsequent recycling or disposal.

In the event of a major spill: Increase ventilation. Evacuate all unprotected personnel. Wear sufficient respiratory protection and full protective clothing to prevent exposure.

For dry form: Sweep up material avoiding dust generation or dampen spilled material with water to avoid airborne dust, then transfer material to a suitable container. Wash surfaces well with soap and water. Seal all wastes in labelled plastic containers for subsequent recycling or disposal.

For rehydrated solution: Absorb with an inert material and place in an appropriate waste disposal container.

Dispose of waste according to the applicable local and national regulations. If contamination of sewers or waterways occurs inform the local water and waste management authorities in accordance with local regulations.

7. HANDLING AND STORAGE

Precautions for Safe Handling Used as directed on label or package insert. Avoid generating dust/vapours. Use in a well ventilated area. Exposure without protection should be prevented in order to lessen the possibility of disorders. It is essential that all who come into contact with this material maintain high standards of personal hygiene ie. washing hands prior to eating, drinking, smoking or using toilet facilities.

Conditions for Safe Storage Store in a cool, dry, well-ventilated area, out of direct sunlight and moisture. Keep containers tightly closed when not in use. Keep only in original container. Store at 2 to 8°C (Refrigerate. DO NOT FREEZE). Protect from light.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

National Exposure Standards No exposure standards have been established for this material, however, the TWA National Occupational Health And Safety Commission (NOHSC) exposure standards for dust not otherwise specified is 10 mg/m³.
TWA (Time Weighted Average): The average airborne concentration of a particular substance when calculated over a normal eight-hour working day, for a five-day week.

Biological Limit Values No biological limit allocated.

Engineering Controls Industrial application: Use with good general ventilation. If dust is produced local exhaust ventilation should be used.

Respiratory Protection Industrial application: If engineering controls are not effective in controlling airborne exposure then an approved respirator with a replaceable dust/particulate filter should be used. Reference should be made to Australian/New Zealand Standards AS/NZS 1715, Selection, Use and Maintenance of Respiratory Protective Devices; and AS/NZS 1716, Respiratory Protective Devices, in order to make any necessary changes for individual circumstances.

Eye Protection Industrial application: Safety glasses with side shields or chemical goggles should be worn. Final choice of appropriate eye/face protection will vary according to individual circumstances. Eye protection devices should conform with Australian/New Zealand Standard AS/NZS 1337 - Eye Protectors for Industrial Applications.

Material Safety Data Sheet

Infosafe No™ LQ08F	Issue Date : August 2011	ISSUED by BOEHRING
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Product Name : **PROTECH C4**

Not classified as hazardous

Hand Protection	Wear gloves of impervious material. Final choice of appropriate gloves will vary according to individual circumstances i.e. methods of handling or according to risk assessments undertaken. Reference should be made to AS/NZS 2161.1: Occupational protective gloves - Selection, use and maintenance.
Body Protection	Wear appropriate clothing including chemical resistant apron where clothing is likely to be contaminated.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Lyophilised powder
Odour	Not available
Freezing Point	0°C Approximately
Boiling Point	Not available
Solubility in Water	Soluble
Specific Gravity	Not available
pH Value	7.0-7.3
Vapour Pressure	Not available
Vapour Density (Air=1)	Not available
Flash Point	Not available
Flammability	Non flammable in rehydrated state
Auto-Ignition Temperature	Not applicable
Flammable Limits - Lower	Not available
Flammable Limits - Upper	Not available

10. STABILITY AND REACTIVITY

Chemical Stability	Stable under normal conditions of storage and handling.
Conditions to Avoid	Extremes of temperature and direct sunlight.
Incompatible Materials	None known.
Hazardous Decomposition Products	Not available.
Hazardous Polymerization	Will not occur

11. TOXICOLOGICAL INFORMATION

Toxicology Information	No toxicity data available for this product. Allergic reactions occur rarely in vaccinated dogs.
Inhalation	Inhalation of product dusts may cause irritation of the nose, throat and respiratory system.
Ingestion	Ingestion of this product may irritate the gastric tract causing nausea and vomiting.
Skin	May cause redness, itching and irritation.
Eye	May cause eye irritation, tearing, stinging, blurred vision, and redness.
Chronic Effects	There is no known chronic effect from this product.

12. ECOLOGICAL INFORMATION

Ecotoxicity	No ecological data available for this product.
Persistence / Degradability	This product is biodegradable. It will not accumulate in the soil or water or cause long term problems.

Material Safety Data Sheet

infosafe
CS: 1.7.2

Page: 4 of 4

Infosafe No™ LQ08F Issue Date : August 2011 ISSUED by BOEHRING

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Mobility Not available.

Environ. Protection Do not discharge this material into waterways, drains and sewers.

13. DISPOSAL CONSIDERATIONS

Disposal Considerations The disposal of the spilled or waste material and container must be done in accordance with applicable local and national regulations.
Used needles should be placed in a designated sharps container.

14. TRANSPORT INFORMATION

Transport Information Not classified as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail. (7th edition)

15. REGULATORY INFORMATION

Regulatory Information Not classified as Hazardous according to criteria of National Occupational Health & Safety Commission (NOHSC), Australia.
Classified as a Scheduled Poison according to the Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP).
This product is subject to the Commonwealth's Agricultural and Veterinary Chemicals (Administration) Act 1994 which covers the uniform regulation and control of agricultural and veterinary chemicals.

Poisons Schedule S4

16. OTHER INFORMATION

Date of preparation or last revision of MSDS MSDS Created: August 2011

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