



Plague Vaccine

MATERIAL SAFETY DATA SHEET

Page 1 of 4 - Date of Issue: 9 February 2010

IMPORTANT NOTICE This Material Safety Data Sheet (MSDS) is prepared by CSL Limited in accordance with the Australian National Occupational Health & Safety Commission National Code of Practice for the Preparation of Material Safety Data Sheets [NOHSC:2011(2003)]. The information contained herein must not be altered or deleted. Additional information may be appended to the MSDS, but it must be marked clearly to indicate that it is not part of the original.

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name Plague Vaccine

Other Names Not applicable

Manufacturer's Product Code 04480501 (0.5mL)

Use Plague Vaccine is used in the prophylaxis of human plague. As with other injectable vaccines, appropriate medical treatment and supervision should always be available in case of anaphylactic reactions. Adrenaline should always be readily available whenever the injection is given.

Supplier Name CSL Limited (ABN 99 051 588 348)

Address 45 Poplar Road, Parkville, Victoria 3052, Australia

Telephone +61 03 9389 1911

Emergency Telephone 03 9389 1984 (24hr)

2. HAZARDS IDENTIFICATION

Not classified as hazardous according to the criteria of NOHSC
Not classified as a dangerous good by the criteria of the ADG Code

3. COMPOSITION/INFORMATION ON INGREDIENTS

Name:	CAS Number:	Proportion:
Heat killed <i>Yersinia pestis</i> organisms	-	1500 million
Phenol	108-95-2	0.5%
Other non-hazardous ingredients	-	up to 100%

4. FIRST AID MEASURES

Accidental Injection Flush injection site with water. Seek medical attention.

Eye Flush eye thoroughly with water for at least 15 minutes. If irritation occurs, seek immediate medical attention.

Swallowed DO NOT induce vomiting. Wash out mouth with water and give plenty of water to drink. If hypersensitivity occurs, seek medical attention immediately.

Skin Remove contaminated clothing. Wash skin thoroughly with water. If irritation occurs, seek medical attention.

First Aid Facilities Adrenaline should always be readily available whenever the injection is given.

Aggravated Medical Conditions Adverse reactions are more likely to occur after booster doses.

Advice To Doctor Treat symptomatically. Cases of anaphylaxis may require treatment with adrenaline, oxygen, intravenous steroids and airway management including intubation.

5. FIRE FIGHTING MEASURES

Fire/Explosion Hazard Non-combustible. Not considered a significant fire risk.

Fire Extinguishing Media No restrictions.

Hazchem Code None allocated.

6. ACCIDENTAL RELEASE MEASURES

Minor Spills

- Wear protective gloves and safety glasses.
- Remove glass.
- Clean up spill immediately using absorbent paper towels.
- Place spilled material in clean, dry, sealed container for disposal.
- Wash area with copious amounts of water.

Major Spills

- Wear protective gloves and safety glasses.
- Contain and absorb spills using earth, sand or inert absorbent.
- Remove glass.
- Collect residues and seal in labelled drums for disposal.
- Wash area with copious amounts of water.

7. HANDLING AND STORAGE

- Transport and store at 2 to 8 degrees C (do not freeze).
- Protect from light.
- Store as per Schedule 4 pharmaceutical.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Standards No exposure limits set by NOHSC or ACGIH

Engineering Controls None under normal operating conditions.

Personal Protection For good infection control, gloves should be worn when administering an injection.

The local concentration of material, quantity and conditions of use determine the type of personal protective equipment required. For further information, consult your Occupational Health and Safety Adviser.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance A slightly cloudy liquid, in a glass vial.

Odour Slight odour

pH 6.5-7.5

Boiling Point/Melting Point Not determined
Vapour Pressure Not determined
Vapour Density Not determined
Specific Gravity Not determined
Flashpoint Not determined
Flammability Limits Not determined
Solubility in Water Aqueous solution.

10. STABILITY AND REACTIVITY

Reactivity Not known to be incompatible with other materials.

Stability Stable under anticipated storage and handling conditions (refer section 7).

Decomposition Products Not determined

11. TOXICOLOGICAL INFORMATION

Accidental Injection May cause mild injection site reaction, rigours, fever, increased sweating, neuropathy, paraesthesia, paresis, dizziness, syncope, abnormal coordination, speech disorder, muscle atrophy and anorexia.

Eye May cause mild irritation.

Swallowed May cause irritation of the gastro-intestinal tract.

Skin May cause mild irritation.

Inhaled Not an expected route of exposure.

Chronic Health Effects No chronic health effects expected under conditions of use.

12. ECOLOGICAL INFORMATION

- No data available.
- For good environmental practice avoid discharge to waterways.

13. DISPOSAL CONSIDERATIONS

- In accordance with state land and waste management authority.
- Dispose via a licensed waste facility.

14. TRANSPORT INFORMATION

UN Number None allocated

DG Class None allocated

Subsidiary Risk None allocated

Packing Group None allocated

Hazchem Code None allocated

15. REGULATORY INFORMATION

Poisons Schedule Number Schedule 4 (S4) – Prescription only medicine

16. OTHER INFORMATION

Last Revised 9 February 2010

Reason for Revision – Reissue of MSDS.

Abbreviations

- NOHSC – National Occupational Health and Safety Commission (please note NOHSC information can be sourced from www.ascc.gov.au)
- ACGIH – American Conference of Governmental Industrial Hygienists
- ADG Code – Australian Dangerous Goods Code
- UN Number – United Nations Number
- DG Class – Dangerous Goods Class
- CAS Number – Chemical Abstract Service Number

Contact Point

Company Contact: +61 3 9389 1984 (24hr)
Australian Poisons Information Centre, 24 hour service: 13 11 26
Australian Police, Fire Brigade or Ambulance: 000

New Zealand Poisons Information Centre, 24 hour service: (03) 4747 000
New Zealand Police, Fire Brigade or Ambulance: 111

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