



# CDT™ Vaccine

## MATERIAL SAFETY DATA SHEET

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**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** CDT™ Vaccine

**Other Names** Diphtheria and Tetanus Vaccine, Adsorbed

**Manufacturer's Product Code** 04190101 (0.5mL pack), 04191001 (5mL pack)

**Use** CDT™ Vaccine is used to vaccinate children who have not been vaccinated against diphtheria and tetanus before.

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

<i>Name:</i>	<i>CAS Number:</i>	<i>Proportion:</i>
Diphtheria Toxoid	-	At least 30 IU
Tetanus Toxoid	-	At least 40 IU
Thiomersal	54-64-8	0.01%
Other non-hazardous ingredients	-	up to 100%

### 4. FIRST AID MEASURES

**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** Possible sensitisation to the tetanus toxoid component of the vaccine as a result of previous administration.

**Advice To Doctor** Treat symptomatically. Cases of anaphylaxis may require treatment with adrenaline, oxygen, intravenous steroids and airway management including intubation. The sooner the onset of an allergic reaction, the more severe the reaction.

See product information leaflet for further information.

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## 5. FIRE FIGHTING MEASURES

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

**Fire Extinguishing Media** No restrictions.

**Hazchem Code** None allocated

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

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## 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.

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## 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.

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Appearance** A clear to slightly opaque liquid containing some sediment, which readily resuspends upon shaking, in a glass container.

**Odour** Slight odour.

**pH** 6.6-7.0

**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

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## 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

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## 11. TOXICOLOGICAL INFORMATION

**Eye** May cause irritation.

**Swallowed** May cause irritation of the gastro-intestinal tract. In hypersensitive individuals, may precipitate an acute allergic reaction. Severe allergic reactions will usually occur within the first few hours of ingestion.

Symptoms of an allergic reaction may include shortness of breath; swelling of the face, lips, tongue, or other parts of the body; skin rash, itching or hives.

**Skin** May cause irritation.

**Inhaled** Not an expected route of exposure.

**Chronic Health Effects** No chronic health effects known.

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## 12. ECOLOGICAL INFORMATION

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

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## 13. DISPOSAL CONSIDERATIONS

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

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#### 14. TRANSPORT INFORMATION

<b>UN Number</b>	None allocated
<b>DG Class</b>	None allocated
<b>Subsidiary Risk</b>	None allocated
<b>Packing Group</b>	None allocated
<b>Hazchem Code</b>	None allocated

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#### 15. REGULATORY INFORMATION

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

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#### 16. OTHER INFORMATION

**Last Revised** 10 November 2009

**Reason for Revision** – Reissue of MSDS.

**Abbreviations**

NOHSC	– National Occupational Health and Safety Commission (please note NOHSC information can be sourced from <a href="http://www.ascc.gov.au">www.ascc.gov.au</a> )
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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