



# Fluvax<sup>TM</sup> Inactivated Influenza Vaccine (Split Virion)

## 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** Fluvax<sup>TM</sup> Inactivated Influenza Vaccine (Split Virion)

**Other Names** Enzira<sup>TM</sup>, Afluria<sup>TM</sup>, Nilgrip<sup>TM</sup>, X-Flu<sup>TM</sup>, Influenza Vaccine Ph. Eur.

**Manufacturer's Product Code** 09060101, 09060104, 09060119, 09060117, 09060818, 09863001, 09863007, 09862701, 09862707, 09060125, 09062707, 09062555, 09161001, 09160107, 09862401, 09862407

**Use** For the prevention of influenza caused by Influenza Virus, types A and B.

**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>
Inactivated Influenza Virus Strains	-	90mcg/mL
Calcium Chloride	10043-52-4	trace
Neomycin	-	trace
Polymyxin	-	trace
Thiomersal	-	1% w/v (multidose vial only)
Other non-hazardous ingredients	-	<10%
Water for injections	-	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 sensitive to eggs, feathers or other ingredients, seek medical attention immediately.

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

**Aggravated Medical Conditions** Fluvax<sup>TM</sup> is prepared from virus grown in the allantoic cavity of embryonated eggs, therefore individuals with anaphylactic hypersensitivity to eggs and/or chicken feathers, neomycin, polymyxin or any other component of the vaccine should avoid direct contact with Fluvax<sup>TM</sup>. This would include persons whom upon ingestion of eggs, develop swelling of the lips or tongue or experience acute respiratory distress or collapse.

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

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## 5. FIRE FIGHTING MEASURES

**Fire/Explosion Hazard** 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**

- Clean up spill immediately using absorbent paper towels.
- Wear protective gloves and safety glasses.
- 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.
- 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

<b>Appearance</b>	A clear to slightly opaque liquid containing some sediment, which readily resuspends upon shaking, in a pre-filled syringe with and without attached needle and multi dose vial.
<b>Odour</b>	None
<b>pH</b>	6.9-7.4
<b>Boiling Point/Melting Point</b>	Not Determined
<b>Vapour Pressure</b>	Not Determined
<b>Vapour Density</b>	Not Determined
<b>Specific Gravity</b>	Not Determined
<b>Flashpoint</b>	Not Determined
<b>Flammability Limits</b>	Not Determined
<b>Solubility in Water</b>	Aqueous solution

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## 10. STABILITY AND REACTIVITY

<b>Reactivity</b>	Not known to be incompatible with other materials.
<b>Stability</b>	Stable under anticipated storage and handling conditions (refer section 7).
<b>Decomposition Products</b>	Not Determined

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## 11. TOXICOLOGICAL INFORMATION

<b>Eye</b>	May cause mild irritation. In hypersensitive individuals, may precipitate an acute allergic reaction. Local swelling may be accompanied by systemic symptoms. See under Acute Effects, Swallowed.
<b>Swallowed</b>	May cause mild irritation of the gastro-intestinal tract. In hypersensitive individuals, may precipitate an acute allergic reaction.  Symptoms of an allergic reaction may include shortness of breath, wheezing or difficulty breathing; swelling of the face, lips, tongue, or other parts of the body; skin rash, itching or hives.
<b>Skin</b>	May cause mild irritation.
<b>Inhaled</b>	Not an expected route of exposure.
<b>Chronic Health Effects</b>	No chronic health effects expected under conditions of use.

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## 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.

### 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

### 15. REGULATORY INFORMATION

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

### 16. OTHER INFORMATION

**Last Revised** 17 June 2008

**Reason for Revision** Amendment to Section 1 - add codes for MDV and PFS, Section 3 - add thiomersal as ingredient of MDV, Section 9 Appearance - add PFS without attached needle and MDV

**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

Whilst the information contained in this document is based on data which, to the best of our knowledge, was accurate and reliable at the time of preparation, no responsibility can be accepted by us for errors and omissions. Users are advised to make their own determination as to the suitability of this information in relation to their particular purposes and specific circumstances. Since the information contained in this document may be applied under conditions beyond our control, we can accept no responsibility for any loss or damage by any person acting or refraining from action as a result of this information.