1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name: Fluvax™ Inactivated Influenza Vaccine (Split Virion)

Other Names: Enzira™, Afluria™, Nilgrip™, X-Flu™, 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

<table>
<thead>
<tr>
<th>Name:</th>
<th>CAS Number:</th>
<th>Proportion:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Inactivated Influenza Virus Strains</td>
<td>-</td>
<td>90mcg/mL</td>
</tr>
<tr>
<td>Calcium Chloride</td>
<td>10043-52-4</td>
<td>trace</td>
</tr>
<tr>
<td>Neomycin</td>
<td>-</td>
<td>trace</td>
</tr>
<tr>
<td>Polymyxin</td>
<td>-</td>
<td>trace</td>
</tr>
<tr>
<td>Thiomersal</td>
<td>-</td>
<td>1% w/v (multidose vial only)</td>
</tr>
<tr>
<td>Other non-hazardous ingredients</td>
<td>-</td>
<td>&lt;10%</td>
</tr>
<tr>
<td>Water for injections</td>
<td>-</td>
<td>up to 100%</td>
</tr>
</tbody>
</table>

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™ 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™. 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.

5. FIRE FIGHTING MEASURES

Fire/Explosion Hazard Not considered a significant fire risk.

Fire Extinguishing Media No restrictions.

Hazchem Code None allocated

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.

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 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.

**Odour**  None

**pH**  6.9-7.4

**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

**Eye**  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.

**Swallowed**  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.

**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
13. DISPOSAL CONSIDERATIONS

− In accordance with state land and waste management authority.

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  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 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

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