Material Safety Data Sheet

Product Name: **BIVATOP® 200 LONG ACTING INJECTABLE**

Not classified as hazardous

**1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER**

<table>
<thead>
<tr>
<th>Product Name</th>
<th>Company Name</th>
<th>Address</th>
<th>Telephone/Fax</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIVATOP® 200 LONG ACTING INJECTABLE</td>
<td>Boehringer Ingelheim Pty. Limited</td>
<td>78 Waterloo Rd North Ryde NSW 2113 Australia</td>
<td>Tel: 1800 038 037 Fax: +61 2 8875 8715</td>
</tr>
</tbody>
</table>

**2. HAZARDS IDENTIFICATION**

Not classified as hazardous

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

<table>
<thead>
<tr>
<th>Ingredients</th>
<th>CAS</th>
<th>Proportion</th>
</tr>
</thead>
<tbody>
<tr>
<td>Oxytetracycline dihydrate</td>
<td>6153-64-6</td>
<td>&lt;=25 %</td>
</tr>
<tr>
<td>Ingredients determined not to be hazardous</td>
<td>-</td>
<td>Balance</td>
</tr>
</tbody>
</table>

**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.

**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**

Treat symptomatically.

**Advice to Doctor**

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.

**Hazardous Combustion Products**

Under fire conditions this product may emit toxic and/or irritating fumes including oxides of carbon and nitrogen.

**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**
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Emergency Procedures
For minor spills: refer to product label for specific instructions. Avoid inhalation of fumes, and skin or eye contact. Absorb with an inert material and place in an appropriate waste disposal container.

In the event of a major spill: Wear appropriate personal protective equipment and clothing to minimise exposure. Increase ventilation. If possible contain the spill. Place inert absorbent material onto spillage. Collect the material and place into a suitable labelled container. Do not dilute material but contain. 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 i.e. 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 below 25°C. Do not freeze. Do not refrigerate.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

National Exposure Standards
No exposure standards have been established for this material by Safe Work, Australia. However, over-exposure to some chemicals may result in enhancement of pre-existing adverse medical conditions and/or allergic reactions and should be kept to the least possible levels.

Biological Limit Values
No biological limit allocated.

Engineering Controls
Industrial application: Use with good general ventilation. If vapour 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.

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
100 or 250mL amber glass injection vials.

Odour
Not available

Melting Point
Not available

Boiling Point
Not available

Solubility in Water
Not available

Specific Gravity
Not available

pH Value
Not available

Vapour Pressure
Not available
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Vapour Density (Air=1) Not available
Flash Point Not available
Flammability Non flammable
Auto-Ignition Temperature Not available
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 Not available
Hazardous Decomposition Products Not available
Hazardous Polymerization Not available

11. TOXICOLOGICAL INFORMATION

Inhalation of product vapour may cause irritation of the nose, throat and respiratory system.
Ingestion of this product may irritate the gastric tract causing nausea and vomiting.
May cause redness, itching and irritation.
May cause eye irritation, tearing, stinging, blurred vision, and redness.
LD50 (Rat): 4800 m/kg (Values of the active ingredient)

12. ECOLOGICAL INFORMATION

LC50 (96 hours): 75 mg/kg (Values of the active ingredient)

13. 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

Not classified as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail. (7th edition)
IMDG Marine No

15. REGULATORY INFORMATION
Product Name: BIVATOP® 200 LONG ACTING INJECTABLE

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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. S4

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16. OTHER INFORMATION

Date of preparation or last revision of MSDS
MSDS Created: September 2012

...End Of MSDS...