Section 1: Identification of the Substance and Supplier

Product name

Depocillin

Liquid containing 26 - 60% Penicillin G Procaine.

Recommended use

Veterinary antibiotic for use in horses, cattle, sheep, pigs, dogs and cats

Company details

MSD Animal Health, 33 Whakatiki Street, Upper Hutt

Phone: 0800 800 543  Fax: 0800 808 100
Website: www.msd-animal-health.co.nz
Hours: 8 am – 5 pm, Mon – Fri

Emergency telephone

0800 764 766 (0800 POISON) 24 hours human health
0800 243 622 (0800 CHEMCALL) 24 hours

Date of preparation

August 2011

Section 2: Hazards Identification

Hazard classifications

6.5B, 9.1A

Priority identifiers

Warning
Ecotoxic

Secondary identifier

6.5B May cause an allergic skin reaction
9.1A Very toxic to aquatic life with long lasting effects

Risk & Safety Phrases

R50 Very toxic to aquatic organisms

Section 3: Composition/Information on Ingredients

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>CAS number</th>
<th>Concentration</th>
</tr>
</thead>
<tbody>
<tr>
<td>Procaine penicillin anhydrous</td>
<td>54-35-3</td>
<td>30%</td>
</tr>
<tr>
<td>Methyl paraben</td>
<td>99-76-3</td>
<td>&lt;1%</td>
</tr>
</tbody>
</table>

Section 4: First Aid Measures

Necessary first aid measures

Penicillin may cause hypersensitivity (allergy) following injection, inhalation, ingestion or skin contact. Do not handle this product if you know you are sensitised, or if you have been advised not to work with such preparations. Handle this product with great care to avoid exposure.

ACCIDENTAL SELF-INJECTION Wash and disinfect self injection injuries. Seek medical advice if irritancy or an allergic response occurs – show this SDS.

SKIN CONTACT In case of skin contact, while wearing protective gloves, carefully remove any contaminated clothing, including shoes, and wash skin thoroughly with soap and water. If irritation or symptoms occur or persist, consult a doctor.

EYE CONTACT In case of eye contact, immediately rinse eyes thoroughly with plenty of water. If wearing contact lenses, remove only after initial rinse, and continue rinsing eyes for at least 15 minutes. If irritation occurs or persists, consult a doctor.

INGESTION Rinse mouth and drink a glass of water. Do not induce vomiting unless under the direction of a qualified medical professional or National Poisons Centre. If symptoms persist, consult a doctor.
SAFETY DATA SHEET

Depocillin®

INHALATION
Remove to fresh air. If any trouble breathing, get immediate medical attention. Administer artificial respiration if breathing has ceased. If irritation or symptoms occur or persist, consult a doctor.

Required instructions
For advice contact the National Poisons Centre 0800 POISON (0800 764 766) or a doctor.

Notes for medical personnel
Accidental self-injection: Treat symptomatically. Some risk of hypersensitivity from injection. Contamination of the needle must be considered.

Inhalation: remove to fresh air & provide oxygen if breathing is difficult.

Section 5: Fire Fighting Measures

Type of hazard
Not classified as flammable. May evolve toxic gases if strongly heated. May evolve nitrogen oxides, sulphur oxides and carbon oxides when heated to decomposition.

Fire hazard properties
Not applicable

Regulatory requirements
Not applicable

Extinguishing media and methods
Carbon dioxide (CO₂), extinguishing powder or water spray

Hazchem code
3Z (Contain spillage)

Recommended protective clothing
Wear full protective clothing and self-contained breathing apparatus (SCBA).

Section 6: Accidental Release Measures

Emergency procedures
Wear chemical resistant gloves and overalls, facemask or goggles. Prevent further spillage. Adsorb spilled product with sand or similar and place in sealable container for disposal. Wash down affected area with water plus detergent. Absorb and collect washings and place in the same sealable container for disposal. Seek advice from the local authority regarding disposal. Avoid contamination of any water source or soil with product or empty container.

Section 7: Handling and Storage

Precautions for safe handling
Avoid contact with skin, eyes, and mucosa. Keep containers adequately sealed during material transfer, transport, or when not in use. See Section 8 (Exposure Controls) for additional guidance.

Regulatory requirements
Signage required where quantities greater than 100L are present. Emergency Plan required where quantities greater than 100L are present.

Handling practices
Avoid contact with skin. Keep containers adequately sealed during material transfer, transport, or when not in use.

Approved handlers
Not required.

Conditions for safe storage
Store in original container. Keep container sealed when not in use. Keep out of reach of children.

Store site requirements
Store in a cool place (2-8°C). Do not freeze.

Packaging
PG III
Section 8: Exposure Control/Personal Protection

Workplace exposure standards
No WES is set for this substance at this time.

Application in the workplace
Ensure adequate ventilation. Keep container sealed when not in use.

Exposure standards outside the workplace
No TEL or EEL is set for this substance at this time.

Personal protection
Wear chemical resistant gloves, facemask or goggles.

Section 9: Physical and Chemical Properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>White to off-white suspension</td>
</tr>
<tr>
<td>Boiling Point</td>
<td>Not available</td>
</tr>
<tr>
<td>Melting/Softening point</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Vapour Pressure</td>
<td>Not determined</td>
</tr>
<tr>
<td>Specific Gravity</td>
<td>1.070</td>
</tr>
<tr>
<td>Solubility (H₂O)</td>
<td>Miscible</td>
</tr>
<tr>
<td>Percent Volatiles</td>
<td>Not determined</td>
</tr>
<tr>
<td>Evaporation Rate</td>
<td>Not determined</td>
</tr>
</tbody>
</table>

Section 10: Stability and Reactivity

Stability of the substance
Stable under normal conditions.

Conditions to avoid
Avoid high temperatures.

Material to avoid
Avoid food products.

Hazardous decomposition products
May evolve nitrogen oxides, sulphur oxides and carbon oxides when heated to decomposition.

Section 11: Toxicological Information

Acute effects for individual ingredients only

<table>
<thead>
<tr>
<th>Route</th>
<th>Effects</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>ORAL</strong></td>
<td>Penicillin: Produces hypersensitivity reactions [INCHEM] LD50 (Ingestion): &gt; 2000 mg/kg (rat) Methyl paraben LD50 (Ingestion): 3000 mg/kg (guinea pig)</td>
</tr>
<tr>
<td><strong>TEL</strong></td>
<td>No TEL is set for this substance at this time.</td>
</tr>
</tbody>
</table>

Chronic/long term effects for individual ingredients only
Section 12: Environmental Information

Effects for individual ingredients only.

AQUATIC
Penicillin: 96Hr EC50 0.006mg/l (algae) [ERMANZ]

EEL
No EEL is set for this substance at this time.

Section 13: Disposal Considerations

Disposal information
Disposal
Dispose of unused contents in a suitable landfill. Avoid contamination of any water source or the environment with product or empty container.

Container Disposal
Dispose of empty container by puncturing and burying in a suitable landfill.

Reference
Current version of NZS 8409 Management of Agrichemicals

Section 14: Transport Information

Relevant information
UN3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Penicillin G Procaine) Marine Pollutant
Class 9 PG III
Limited quantities: 5L
Maximum quantity for own agricultural use: 1000L

Other requirements
Refer to Haznote.

Section 15: Regulatory Information

Regulatory status
HSNO Approval Code: HSR002362.
For a full listing of controls see www.epa.govt.nz
ACVM registration number: A0004256.
For conditions of registration see www.foodsafety.govt.nz

RESTRICTED VETERINARY MEDICINE

HSNO and ACVM controls
Signage: 100 Litres
Emergency Plan: 100 Litres

Section 16: Other Information

Additional information
Depocillin is a registered trademark.

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