

## Neomycin Penicillin 100/200

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**Section 1: Identification of the Substance and Supplier**

<b>Product name</b>	<b>Neomycin Penicillin 100/200</b> Preparation containing 10-14% neomycin sulphate and 10-30% penicillin g procaine
<b>Recommended use</b>	Veterinary antibiotic injection for horses, cattle, sheep, pigs, dogs and cats.
<b>Company details</b>	<b>Intervet/Schering-Plough Animal Health Limited</b> <b>33 Whakatiki Street, Upper Hutt 5018</b>  Phone: 0800 800 543, Fax 0800 808 100. Website: <a href="http://www.intervet.co.nz">www.intervet.co.nz</a> Hours 8am – 5 pm, Mon – Fri
<b>Emergency telephone</b>	<b>0800 764 766 (0800 POISON) 24 hours human health</b> <b>0800 243 622 (0800 CHEMCALL) 24 hours</b>
<b>Date of preparation</b>	March 2009

**Section 2: Hazards Identification**

<b>Hazard classifications</b>	6.5B, 6.9A, 9.1A
<b>Priority identifiers</b>	<b>Danger</b> <b>Ecotoxic</b>
<b>Secondary identifier</b>	6.5B May cause an allergic skin reaction 6.9A May cause damage to the kidneys through prolonged or repeated oral exposure at high doses. 9.1A Very toxic to aquatic life with long lasting effects
<b>Risk &amp; Safety Phrases</b>	R50 Very toxic to aquatic organisms

**Section 3: Composition/Information on Ingredients**

Chemical name	CAS number	Concentration
Neomycin Sulphate	1405-10-3	10%
Procaine Penicillin	54-35-3	20%
Methyl Paraben	99-76-3	<1%

**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.

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**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.

**INHALATION:** Remove to fresh air and provide oxygen if necessary. 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.

<b>Required instructions</b>	For advice contact the National Poisons Centre 0800 POISON (0800 764 766) or a doctor.
<b>Workplace facilities</b>	Emergency showers and eyewashes may be warranted depending on quantity and type of use.

**Section 5: Fire Fighting Measures**

<b>Type of hazard</b>	Not classified as flammable. May evolve toxic gases if strongly heated. May evolve nitrogen oxides, sulphur oxides and carbon oxides when heated to decomposition.
<b>Fire hazard properties</b>	Not applicable
<b>Regulatory requirements</b>	Not applicable
<b>Extinguishing media and methods</b>	Carbon dioxide (CO <sub>2</sub> ), extinguishing powder or water spray
<b>Hazchem code</b>	3Z (Contain)
<b>Recommended protective clothing</b>	Wear self-contained breathing apparatus (SCBA) plus protective gloves.

**Section 6: Accidental Release Measures**

<b>Emergency procedures</b>	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.
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**Section 7: Handling and Storage**

<b>Precautions for safe handling</b>	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.
<b>Regulatory requirements</b>	Signage required where quantities greater than 100L are present. Emergency Plan required where quantities greater than 100L are present.
<b>Handling practices</b>	Avoid contact with skin. Keep containers adequately sealed during material transfer, transport, or when not in use.
<b>Approved handlers</b>	Not required.
<b>Conditions for safe storage</b>	See below.
<b>Store site requirements</b>	Store in a cool place (2-8°C). Do not freeze. Protect from light
<b>Packaging</b>	PG III

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## Section 8: Exposure Control/Personal Protection

<b>Workplace exposure standards</b>	No WES is set for this substance at this time.
<b>Application in the workplace</b>	Ensure adequate ventilation. Keep container sealed when not in use.
<b>Exposure standards outside the workplace</b>	No TEL is set for this substance at this time No EEL is set for this substance at this time
<b>Personal protection</b>	Wear chemical resistant gloves, facemask or goggles.

## Section 9: Physical and Chemical Properties

Appearance	White to cream coloured suspension with slight alcoholic odour.
Boiling Point	Not available
Melting/Softening point	Not applicable
Vapour Pressure	Not determined
Specific Gravity	Not available
Solubility (H <sub>2</sub> O)	Miscible
Percent Volatiles	Not determined
Evaporation Rate	Not determined

## Section 10: Stability and Reactivity

<b>Stability of the substance</b>	Stable under normal conditions.
<b>Conditions to avoid</b>	Avoid high temperatures
<b>Material to avoid</b>	Avoid food products
<b>Hazardous decomposition products</b>	May evolve nitrogen oxides, sulphur oxides and carbon oxides when heated to decomposition.

## Section 11: Toxicological Information

## Acute effects for individual ingredients only

ORAL	Neomycin sulphate: LD50 (Ingestion): >8000 mg/kg (mouse) Penicillin: Produces hypersensitivity reactions [INCHEM] LD50 (Ingestion): > 2000 mg/kg (rat) Methyl paraben LD50 (Ingestion): 3000 mg/kg (guinea pig)
TEL	No TEL is set for this substance at this time.

## Chronic/long term effects for individual ingredients only

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## 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 this product only by using according to the label, or at an approved landfill, or other approved facility. Avoid contamination of any water source or the environment with product or empty container.

## Container Disposal

Triple rinse empty container. Bury in an approved landfill or other approved facility.

## Reference

Current version of NZS 8409 Management of Agrichemicals

## Section 14: Transport Information

## Relevant information

UN3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.  
(Procaine penicillin)  
Class 9 PG III  
Limited quantities: 5L  
Maximum quantity for own agricultural use: 250L

## Other requirements

Refer to Haznote.

## Section 15: Regulatory Information

## Regulatory status

HSNO Approval Code: HSR002126.  
For a full listing of controls see [www.ermanz.govt.nz](http://www.ermanz.govt.nz)  
ACVM registration number: A003775.  
For conditions of registration see [www.nzfsa.govt.nz/acvm](http://www.nzfsa.govt.nz/acvm)

Prescription Animal Remedy (P.A.R) Class I  
For use only under the authority or prescription of a veterinarian.

## HSNO and ACVM controls

**Signage:** 100 Litres  
**Emergency Plan:** 100 Litres

## Section 16: Other Information

## Additional information

Neomycin is a trademark of Intervet Limited

Schering-Plough Animal Health Limited urges each user or recipient of this SDS to read the entire data sheet to become aware of the potential hazards associated with this material. This SDS summarises, at the date of issue, our best knowledge of the health and safety hazard information. Although reasonable care has been taken in the preparation of this document, Schering-Plough Animal Health Limited extend no warranties and make no representations as to the accuracy or completeness of the information contained therein, and assume no responsibility regarding the suitability of this information for the user's intended purposes or for the consequence of its use. Each individual should make a determination as to the suitability of the information for their particular purpose(s).