

# SAFETY DATA SHEET

## Leptavoid<sup>®</sup> 2

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

<b>Product name</b>	<b>Leptavoid 2</b>
<b>Recommended use</b>	Vaccine for cattle, sheep and pigs against leptospirosis.
<b>Company details</b>	<b>MSD Animal Health, 33 Whakatiki Street, Upper Hutt</b>  <b>Phone: 0800 800 543 Fax: 0800 808 100</b> <b>Website: www.msd-animal-health.co.nz</b> <b>Hours: 8 am – 5 pm, Mon – Fri</b>
<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>	September 2011

### Section 2: Hazards Identification

<b>Hazard classifications</b>	6.5B
<b>Priority identifiers</b>	<b>WARNING</b>
<b>Secondary identifier</b>	6.5B May cause an allergic skin reaction
<b>Risk &amp; Safety Phrases</b>	R43 May cause sensitisation by skin contact

### Section 3: Composition/Information on Ingredients

<b>Chemical name</b>	<b>CAS number</b>	<b>Concentration (%)</b>
<i>Leptospira borgpetersenii</i> serovar Hardjo antigens (inactivated)	N/A	Varies
<i>Leptospira interrogans</i> serovar Pomona antigens (inactivated)	N/A	Varies
Thiomersal (Preservative)	54-64-8	<1%

### Section 4: First Aid Measures

#### **Necessary first aid measures**

**ACCIDENTAL SELF-INJECTION** Obtain medical attention - show this SDS. Accidental self injection may lead to an inflammatory response and medical advice should be sought on the management of deep injections, particularly those near a joint or associated with bruising. If possible the application of gentle squeezing pressure with absorbent material (e.g. facial tissues) at the injection site will swab up unabsorbed vaccine. Strong squeezing of the site should be avoided. The damaged area should be thoroughly cleansed and a topical antiseptic applied.

**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,

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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 Poison Control Centre. If symptoms persist, consult a doctor.

**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.

This product is a vaccine for use in animals. Local irritation to the eyes, skin, or respiratory tract may occur following direct contact or inhalation of the product. As with any vaccine, exposure may cause hypersensitivity reactions.

## Section 5: Fire Fighting Measures

Type of hazard	Not classified as flammable
Fire hazard properties	Not applicable
Regulatory requirements	Not applicable
Extinguishing media and methods	Carbon dioxide (CO <sub>2</sub> ), extinguishing powder or water spray.
Hazchem code	Not applicable
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 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.
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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>	Emergency Plan required where quantities greater than 1000L 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>	Store in original container. Keep out of reach of children.
<b>Store site requirements</b>	Store away from light at 2°C – 8°C. DO NOT FREEZE.
<b>Packaging</b>	PG III (Limited Quantities – Schedule 4)

### Section 8: Exposure Control/Personal Protection

<b>Workplace exposure standards</b>	No WES have been set for this substance
<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 EEL - not applicable
<b>Personal protection</b>	Wear chemical resistant gloves, facemask or goggles.

### Section 9: Physical and Chemical Properties

Appearance	Clear white to off-white liquid
Boiling Point	Not determined
Melting/Softening point	Not applicable
Vapour Pressure	100kPa
Specific Gravity	1.00
Solubility (H <sub>2</sub> O)	Soluble
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>	Carbon oxides (CO <sub>x</sub> ).

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### Section 11: Toxicological Information

#### Acute effects for individual ingredients only

ORAL	Thiomersal: LD50 40mg/kg/bw (rat) [ERMANZ]
TEL	No TEL is set for this substance at this time.

### Section 12: Environmental Information

#### Effects for individual ingredients only

EEL	Not applicable
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### Section 13: Disposal Considerations

<b>Disposal information</b>	<b>Disposal</b> Dispose of unused contents in a suitable landfill.  <b>Container Disposal</b> Dispose of empty vaxipak by puncturing and burying in a suitable landfill. Do NOT burn.
<b>Reference</b>	Current version of NZS 8409 Management of Agrichemicals.

### Section 14: Transport Information

<b>Relevant information</b>	Not classified as a dangerous good for transport
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### Section 15: Regulatory Information

<b>Regulatory status</b>	ERMA Approval Code: HSR000015 For a full controls see <a href="http://www.epa.govt.nz">www.epa.govt.nz</a>  ACVM registration number: A1948 For conditions of registration see <a href="http://www.foodsafety.govt.nz">www.foodsafety.govt.nz</a>  <b>RESTRICTED VETERINARY MEDICINE</b>
<b>HSNO and ACVM controls</b>	<b>Emergency Plan:</b> 1000 Litres

### Section 16: Other Information

<b>Additional information</b>	Leptavoid is a registered trademark.
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