

Nobivac[®] Lepto 1

Section 1: Identification of the Substance and Supplier

| | |
|---------------------|---|
| Product name | Nobivac Lepto 1 |
| Recommended use | Veterinary vaccine for use in dogs. |
| Company details | Schering-Plough Animal Health Limited 33 Whakatiki Street, Upper Hutt 5018, New Zealand 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 | April 2019 |

Section 2: Hazards Identification

| | |
|------------------------|---|
| Hazard classifications | This product is considered non-hazardous as it does not trigger any of the minimum degrees of hazard under the HSNO Act 1996. |
|------------------------|---|

Section 3: Composition/Information on Ingredients

| Chemical name | CAS number | Concentration |
|--|------------|----------------|
| <i>Leptospira interrogans</i> serogroup Icterohaemorrhagiae serovar Copenhageni, strain 820K | - | ≥ 750 Units/mL |

Section 4: First Aid Measures

| | |
|------------------------------|---|
| Necessary first aid measures | <p>ACCIDENTAL SELF-INJECTION In the event of self injection, encourage bleeding before disinfecting and dressing the injury. 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 – show this SDS.</p> <p>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.</p> <p>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.</p> <p>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.</p> <p>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.</p> |
| Required instructions | For advice contact the National Poisons Centre 0800 POISON (0800 764 766) or a doctor. |

SAFETY DATA SHEET

Nobivac[®] Lepto 1

| | |
|------------------------------------|--|
| Notes for medical personnel | Hypersensitive reactions of an urticarial type could occur following self injection Contamination of the needle must be considered. |
| Workplace facilities | Emergency showers and eyewashes may be warranted depending on quantity and type of use. |

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 ₂), extinguishing powder water spray. Water mist sprays are preferable for fire fighting to contain the spread of the virus. |
| Hazchem code | None allocated |
| Recommended protective clothing | Wear self-contained breathing apparatus (SCBA) plus protective gloves. |

Section 6: Accidental Release Measures

| | |
|----------------------------------|---|
| Personal Precautions | Avoid contact with skin, eyes and clothing. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. |
| Environmental Precautions | Prevent spilled material from flowing onto adjacent land or into streams, ponds, or lakes. Avoid release to the environment. |
| Emergency procedures | Prevent further spillage. Treat vaccine spills with an approved disinfectant and allow sufficient time for inactivation before cleaning. Then wash down the area with copious amounts of clean water. |

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 | No requirements. |
| Handling practices | Avoid contact with skin. Keep containers adequately sealed during material transfer, transport, or when not in use. |
| Certified handlers | Not required. |
| Conditions for safe storage | Store in original container. Keep out of reach of children. |
| Store site requirements | Store between 2°C and 8°C. DO NOT FREEZE. |
| Packaging | Schedule 4 |

Nobivac[®] Lepto 1

Section 8: Exposure Control/Personal Protection

| | |
|---|--|
| Occupational exposure limits | Not applicable. |
| Application in the workplace | Ensure adequate ventilation. Keep container sealed when not in use. |
| Exposure standards outside the workplace | Not applicable. |
| Personal protection | No requirements. |
| Engineering controls | The health hazard risks of handling this material are dependent on many factors, including physical form, duration and frequency of process or task, and effectiveness of engineering controls. Site-specific risk assessments should be conducted to determine the feasibility and the appropriateness of all exposure control measures. Exposure controls for normal operating or routine procedures follow a tiered strategy. Engineering controls are the preferred means of long-term or permanent exposure control. If engineering controls are not feasible, appropriate use of personal protective equipment (PPE) may be considered as alternative control measures. Exposure controls for non-routine operations must be evaluated and addressed as part of the site-specific risk assessment. |

Section 9: Physical and Chemical Properties

| | |
|-------------------------------|-------------------|
| Appearance | Liquid suspension |
| Boiling Point | Not available |
| Melting/Freezing point | Not available |
| Vapour Pressure | Not available |
| Specific Gravity | Not available |
| Solubility (H ₂ O) | Soluble |
| Percent Volatiles | Not determined |
| Evaporation Rate | Not determined |

Section 10: Stability and Reactivity

| | |
|---|--|
| Stability of the substance | Stable under recommended storage conditions. |
| Conditions to avoid | Avoid high temperatures |
| Material to avoid | Avoid food products |
| Hazardous decomposition products | No dangerous decomposition is expected if used according to manufacturer's specifications. |

SAFETY DATA SHEET

Nobivac[®] Lepto 1

Section 11: Toxicological Information

Acute effects for individual ingredients only

| | |
|-----|--|
| TEL | No TEL is set for this substance at this time. |
|-----|--|

Chronic/long term effects for individual ingredients only

Section 12: Environmental Information

Effects for individual ingredients only.

| | |
|-----|--|
| 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. Where possible, dispose of unused product through AgRecovery Chemicals. 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. Where possible, recycle through AgRecovery. Do NOT burn.

Needle Disposal

Discarded needles should immediately be placed in a designated and appropriately labelled 'sharps' container.

Reference

Current version of NZS 8409 Management of Agrichemicals.

Section 14: Transport Information

Relevant information

Not classified as a dangerous good for transport

Section 15: Regulatory Information

Regulatory status

ACVM registration number: A007832.
For conditions of registration see www.foodsafety.govt.nz

Approval not required under the HSNO Act 1996.

RESTRICTED VETERINARY MEDICINE

Section 16: Other Information

Additional information

Nobivac is a registered trademark.

Schering-Plough Animal Health Ltd known as MSD Animal Health, is a subsidiary of Merck & Co., Inc., Whitehouse Station, NJ, USA. Schering-Plough 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).