

SAFETY DATA SHEET

Salvexin[®] +B

Section 1: Identification of the Substance and Supplier

| | |
|----------------------------|--|
| Product name | Salvexin +B |
| Recommended use | Veterinary vaccine for the immunisation of sheep and cattle against Salmonellosis. |
| 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 | September 2011 |

Section 2: Hazards Identification

| | |
|------------------------|---|
| Hazard classifications | This product is 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 |
|--|------------|---------------|
| Salmonella inactivated antigens (<i>S. bovis-morbificans</i> , <i>S. hindmarsh</i> , <i>S. typhimurium</i> , and <i>S. Brandenburg</i>). | - | 30-50% |
| Phenol | 108-95-2 | <1% w/v |

Section 4: First Aid Measures

Necessary first aid measures

ACCIDENTAL SELF-INJECTION 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. Take the vaccine package and this SDS with you. Effects will vary in severity according to the quantity involved, from localised site reaction (pain, redness, swelling), to acute systemic reaction (allergic response, lymphadenitis, local devitalisation or necrosis, malaise, pyrexia, generalised aches and headaches).

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.

SAFETY DATA SHEET

Salvexin[®] +B

Page 2 of 4

| | |
|------------------------------------|---|
| Required instructions | INGESTION Rinse mouth out with running water. For advice contact the National Poisons Centre 0800 POISON (0800 764 766) or a doctor. |
| Notes for medical personnel | Contains inactivated bacterial toxins. Contamination of the needle must be considered. Treat symptomatically. Antibiotics and minor surgical debridements may be necessary. |

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 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. |
|-----------------------------|---|

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 | Not required |
| 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 out of reach of children. |
| Store site requirements | Store protected from light at 2°C – 8°C. Do NOT freeze. |
| Packaging | PGIII |

Salvexin[®] +B
Section 8: Exposure Control/Personal Protection

| | |
|---|--|
| Workplace exposure standards | Not applicable |
| Application in the workplace | Ensure adequate ventilation. Keep container sealed when not in use. |
| Exposure standards outside the workplace | No TEL is set for this substance at this time EEL – not applicable |
| Personal protection | Wear chemical resistant gloves, facemask or goggles. |
| 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 | A white liquid suspension |
| Boiling Point | ca. 100°C |
| Melting/Softening point | Not applicable |
| Vapour Pressure | Not applicable |
| Specific Gravity | ca. 1.00 |
| Solubility (H ₂ O) | Soluble |
| Percent Volatiles | Not applicable |
| Evaporation Rate | Not applicable |

Section 10: Stability and Reactivity

| | |
|---|--|
| Stability of the substance | Stable under normal conditions. |
| Conditions to avoid | Extremes of temperature. Exposure to light. |
| Material to avoid | Avoid food products |
| Hazardous decomposition products | Carbon monoxide. Carbon dioxide (CO ₂) |

SAFETY DATA SHEET

Salvexin[®] +B

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 | Not applicable |
|-----|----------------|

Section 13: Disposal Considerations

Disposal information

Disposal

Dispose of unused contents in a suitable landfill.

Container Disposal

Dispose of empty vaxipak by puncturing and burying in a suitable landfill. Do NOT burn.

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 No: A7886

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

Salvexin+B 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 Ltd 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).