

# Safety Data Sheet

## Lift<sup>®</sup> B12 Selenised

Revised: 20/10/2016

### Section 1: SUBSTANCE IDENTIFICATION AND SUPPLIER

<b>Product Name:</b>	<b>LIFT<sup>®</sup> B12 SELENISED</b>
<b>Other Names:</b>	Vitamin B12-2000 Selenised
<b>Product Code:</b>	8142183
<b>Recommended Use:</b>	Animal Health product; injectable vitamin B12 with selenium for the treatment and prevention of cobalt, vitamin B12 and selenium deficiency
<b>Company Identification:</b>	Ravensdown Limited
<b>Address:</b>	292 Main South Road, Hornby PO Box 1049 Christchurch
<b>Customer Centre:</b>	0800 100 123
<b>National Poisons Information Centre:</b>	0800 POISON (0800 764 766)
<b>Emergency Telephone Number:</b>	0800 CHEMCALL (0800 243 622) (24hr) (Emergencies Only)
<b>Transport Emergency Phone:</b>	111 - tell operator what service is needed: Fire, Ambulance, Police

### Section 2: HAZARD IDENTIFICATION

<b>Hazard Classifications:</b>	9.1C
<b>Priority Identifiers:</b>	WARNING KEEP OUT OF REACH OF CHILDREN
<b>Secondary Identifiers:</b>	9.1C = Harmful to aquatic organisms

### Section 3: COMPOSITION INFORMATION

INGREDIENT	CAS No.	CONTENT
Hydroxocobalamin (acetate)	13422-51-0	0.2%
Sodium Selenate	13410-01-0	0.96%
Sodium chloride	7647-14-5	10%
Phenol	108-95-2	10%
Water	7732-18-5	to 100%

## Section 4: FIRST AID MEASURES

<b>First Aid Measures:</b>	Consult the National Poisons Centre on 0800 POISON (0800 764 766) or a doctor immediately in every case of suspected poisoning.
<b>Inhalation:</b>	Remove patient to fresh air. Lay down and keep warm and rested. If breathing is shallow or has stopped ensure airway is clear and apply resuscitation. Seek medical assistance immediately.
<b>Ingestion:</b>	Never give anything by mouth to an unconscious person. If swallowed DO NOT induce vomiting. For advice, contact the National Poisons Centre on 0800 POISON (0800 764 766). Seek medical assistance immediately.
<b>Injection:</b>	Treat as for needle-stick injury. Wash area well and disinfect. If other symptoms are evident, seek medical advice.
<b>Skin:</b>	Remove contaminated clothing and wash affected area thoroughly with soap and water. If a large area is affected seek medical assistance.
<b>Eye:</b>	Flush with plenty of water for 15 minutes holding eyelids open if necessary. Call a doctor immediately.
<b>Advice to Doctor:</b>	No specific antidote. Treat symptomatically. If vomiting is induced, suggest endotracheal and/or oesophageal control. Danger from lung aspiration must be weighed against toxicity when considering emptying the stomach.

## Section 5: FIRE FIGHTING MEASURES

<b>Flash Point:</b>	Not applicable (non-flammable)
<b>Combustion Products:</b>	In severe fire may give off toxic or irritant fumes
<b>Extinguishing Media:</b>	Use water spray or agent appropriate to the nature of fire and other materials involved
<b>Protective Equipment:</b>	Breathing apparatus plus protective gloves
<b>HAZCHEM Code:</b>	Not applicable

## Section 6: ACCIDENTAL RELEASE MEASURES

<b>Spills and Disposal:</b>	Wear appropriate protective clothing. Exclude non-essential people from the area. Contain spill and absorb with inert material such as soil, sand or absorbent granules and place in a sealable waste container. Dispose of waste safely in an approved landfill.
<b>Protective Clothing:</b>	For appropriate personal protective equipment see section 8.
<b>Environmental Precaution:</b>	Prevent from entering drains, waterways or sewers. If spill does enter waterways contact the local authority.

## Section 7: HANDLING AND STORAGE

<b>Handling:</b>	Keep out of reach of children. Avoid contact with skin, eyes and inhalation of vapours. Use personal protective equipment as required.
	<b>Approved Handler:</b> Not required
	<b>Tracking:</b> Not required
	<b>Record Keeping:</b> Not required
<b>Storage:</b>	Store in original container tightly closed and in a locked, dry, cool area away from foodstuffs, fertiliser and seed. Store in accordance with NZS 8409; Management of Agrichemicals.
<b>Other Information:</b>	Always read the label before use. See label for further information on handling and storage.

## Section 8: EXPOSURE CONTROL/PERSONAL PROTECTION

<b>Exposure Limits:</b>	No exposure limits have been assigned for this product.
<b>Protective Equipment:</b>	Care is required to avoid accidental self-injection. When contact with product is likely, wear protective gloves.
<b>Engineering Controls:</b>	Handle in well-ventilated area. Avoid inhalation of vapours.
<b>Hygiene Precautions:</b>	Do not eat, drink or smoke while using this product. Remove protective clothing and wash hands and face before meals and after work. Wash protective clothing daily after work. Contaminated clothing should not be allowed out of the workplace.

## Section 9: PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance:</b>	Clear, deep red liquid
<b>Solubility in Water:</b>	Soluble
<b>Flash Point:</b>	Not applicable (non-flammable)
<b>Specific Gravity:</b>	1.02
<b>pH:</b>	3.8 - 4.5

## Section 10: STABILITY AND REACTIVITY

<b>Stability:</b>	Stable under normal conditions. When stored appropriately this product should show no significant degradation for at least 3 years from the date of manufacture.
<b>Hazardous Polymerisation:</b>	Hazardous polymerisation is not likely to occur
<b>Hazardous Decomposition Products:</b>	None
<b>Conditions to Avoid:</b>	None
<b>Materials to Avoid:</b>	None

## Section 11: TOXICOLOGICAL INFORMATION

<b>Hazard Classifications:</b>	Not considered to be toxic by EPA
<b>Ingestion:</b>	Generally non-harmful. Very large doses could produce symptoms of headache, irritability, nausea and weakness.
<b>Inhalation:</b>	Inhalation of vapours may be irritating
<b>Skin:</b>	Mild irritant
<b>Eye:</b>	Mild irritant
<b>Injection:</b>	Effects will vary in severity according to the quantity involved, from localised site reaction (pain, redness and swelling) to acute systemic reaction.
<b>Chronic Effects:</b>	No information available
<b>Reproductive Toxicity:</b>	No reproductive effects
<b>Mutagenicity:</b>	Non-mutagenic
<b>Carcinogenicity:</b>	Not considered to be carcinogenic

## Section 12: ECOLOGICAL INFORMATION

<b>Hazard Classifications:</b>	9.1C
<b>Ecotoxicity:</b>	Harmful to aquatic organisms
<b>Bioaccumulation:</b>	Bioaccumulation unlikely to occur

## Section 13: DISPOSAL INFORMATION

<b>Product Disposal:</b>	Dispose of product only by using according to label or at an approved landfill. Recycle where possible. Do not contaminate bodies of water with chemical or empty container.
<b>Container Disposal:</b>	Burn container in an appropriate incinerator if circumstance, such as wind direction permit. Otherwise bury in an approved landfill. Do not use container for any other purpose.

## Section 14: TRANSPORT INFORMATION

**Transport Information:** It is good practice to separate this product from food, food related materials, animal feedstuffs, seed or fertilisers during transport.

**Not regulated for transport of Dangerous Goods: UN, IMDG, IATA**

<b>UN Number:</b>	N/A
<b>Proper Shipping Name:</b>	N/A
<b>DG Class:</b>	N/A
<b>Subsidiary Class:</b>	N/A
<b>Packing Group:</b>	N/A
<b>Marine Pollutant:</b>	No
<b>MTQ (non-commercial):</b>	N/A
<b>HAZCHEM Code:</b>	N/A
<b>IERG Number:</b>	N/A

**Other information:** Check the latest versions of the Land Transport Dangerous Goods Rule 45001 and associated Transport of Dangerous Goods on Land (NZS 5433) for additional information on maximum allowable transport quantities (MTQ's), placarding and segregation. Sea transport may require further segregation.

## Section 15: REGULATORY INFORMATION

- ACVM:** Registered pursuant to the ACVM Act 1997, A9784  
See [www.mpi.govt.nz](http://www.mpi.govt.nz) for registration conditions.
- EPA:** Approved pursuant to the HSNO Act 1996, Approval number: HSR002387  
See [www.epa.govt.nz](http://www.epa.govt.nz) for approval controls.

## Section 16: OTHER INFORMATION

This Safety Data Sheet was updated on the date shown on page 1 and supersedes all previous versions.

The data in this SDS relates only to the specific material designated herein and does not relate to use in combination with any other material. The information is provided in good faith based on current knowledge and experience. No warranty with regard to the product properties is expressed or implied.