



SAFETY DATA SHEET

A18327/04/AUS

SELOVIN LA LONG ACTING SELENIUM INJECTION FOR CATTLE AND SHEEP

SECTION 1 – IDENTIFICATION, CONTACTS, HAZARDOUS NATURE

Bayer Australia Ltd
875 Pacific Highway
Pymble NSW 2073

Emergency Telephone Number
1800 033 111
24 hour Emergency Service Australia Wide, Toll Free

Contact Point (for non-emergency calls)
Animal Health Division
(02) 9391 6000

Full Product Name	SELOVIN LA LONG ACTING SELENIUM INJECTION FOR CATTLE AND SHEEP
Other Names	Barium selenate
Product Use	FOR ANIMAL TREATMENT ONLY For the treatment and prevention of selenium deficiency in cattle and sheep.
Creation Date	7 August 2013
Revision Date	30 May 2016

SECTION 2 – HAZARD IDENTIFICATION	
Hazard Classification	HAZARDOUS SUBSTANCE NOT CLASSIFIED AS DANGEROUS GOODS when transported by road or rail within Australia under Special Provision AU01 of the Australian Dangerous Goods Code, 7th Edition. CLASSIFIED AS DANGEROUS GOODS when transported by sea or air.
GHS-Classification	Specific Target Organ Toxicity (Repeated Exposure) Cat. 2 Hazardous to the aquatic environment, Chronic Cat. 2
Signal Word	Warning
Hazard Statements	H373 May cause damage to organs through prolonged or repeated exposure. H411 Toxic to aquatic life with long lasting effects.
Precautionary statements	Prevention: P260 Do not breathe vapours or spray. Response: P314 Get medical advice/attention if you feel unwell. P391 Collect spillage. Disposal: P501 Dispose of contents/container to an approved waste disposal plant.

SECTION 3 – COMPOSITION/INFORMATION ON INGREDIENTS	
Hazardous Components	<p>Barium selenate Concentration [Weight percent] ≥ 10 - ≤ 20 CAS-No.: 7787-41-9 CAS name: Barium selenate GHS Classification: Acute Tox. 3 H331 Acute Tox. 3 H301 Aquatic Acute 1 H400 Aquatic Chronic 1 H410</p> <p>Chlorocresol Concentration [Weight percent] ≥ 0.1 - ≤ 0.5 CAS-No.: 59-50-7 CAS name: 4-Chloro-m-cresol GHS Classification: Skin. Sens. 1B H317</p>

SECTION 4 – FIRST AID MEASURES	
Label Regulated First Aid Statement	If poisoning occurs contact a doctor or Poisons Information Centre. Phone Australia 13 11 26. If skin contact occurs, remove contaminated clothing and wash skin thoroughly.
Scheduled Poisons	Poison schedule S6.
Inhalation	Move affected person to fresh air and keep at rest until recovered. See medical attention if breathing difficulty occurs.
Skin contact	Remove contaminated clothing and wash affected areas thoroughly with soap and water for at least 5 minutes or until chemical is removed. Seek medical attention if irritation develops.
Eye contact	Flush gently with lukewarm, gently flowing water for at least 5 minutes or until chemical is removed.
Ingestion	If swallowed, do not induce vomiting. Wash mouth out with water and immediately contact a doctor or Poisons Information Centre. Phone Australia 131 126.
Advice to doctor	This product contains mineral oil. In the case of accidental injection, even small amounts can cause intense swelling, which may, for example, result in ischaemic necrosis and possibly the loss of a digit. Expert, PROMPT, surgical attention is required and may necessitate early incision and irrigation of the injected area, especially where there is involvement of finger pulp or tendon.

SECTION 5 – FIRE FIGHTING MEASURES	
Flammability	Non flammable.
Extinguishing Media	Use water spray, foam, powder and carbon dioxide fire extinguishers appropriate to the surrounding area. Equipment should be thoroughly decontaminated after use.
Fire and Explosion Hazards	Keep away from extreme heat and open flames.
Hazardous Combustion Products	Fire may cause evolution of Carbon monoxide or Carbon dioxide.
Fire Fighting	Wear self-contained breathing apparatus and protective suit.
Further Information	Prevent fire-extinguishing water from contaminating surface or ground water.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Accidental Release	<p><u>Emergency Procedures:</u> Contact emergency response personnel for large spills. Keep unnecessary persons away.</p> <p><u>Method of Containment and Clean up Procedures:</u> In the event of a major spill, prevent the spillage from entering drains or waterways. If safe to do so, stop the leak and contain the spill using sand or soil. Absorb onto inert material (sand, soil or other inert material). Collect and seal in properly labelled drums for disposal. After a spill, wash the area, preventing the run-off entering the drain. Wear overalls, eye protection and impervious gloves to prevent skin and eye contamination. Wash all contaminated clothing and equipment before re-use.</p>
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SECTION 7 – HANDLING AND STORAGE

Safe Handling	<p>Limit all unnecessary personal contact. Avoid eye and skin contact. Do not smoke, eat or drink while handling or using the product. Observe good personal hygiene by washing hands before and after use. Wear protective clothing when risk of exposure can occur. Containers should always be kept closed in storage and stored in original labeled container. Keep out of reach of children.</p> <p>This product contains mineral oil. Accidental injection/self-injection may result in severe pain and swelling, particularly if injected into a joint or finger and in rare cases could result in the loss of the affected finger if prompt medical attention is not given. If you are accidentally injected with this product, seek prompt medical advice even if only a very small amount is injected and take the package leaflet with you. If pain persists for more than 12 hours after medical examination, seek medical advice again.</p>
Storage	<p>Store below 25°C (Air Conditioning) in original container. Protect from light. Do not freeze. Keep out of reach of children.</p>

SECTION 8 – EXPOSURE CONTROLS AND PERSONAL PROTECTION

Exposure Limits	Exposure limits have not been established by NOHSC for this formulation. There is a blanket recommendation of 10mg/m ³ for inspirable dusts or mists when limits have not been established. The nature of this product makes it unlikely that this level will be approached under normal use.
Ventilation	Natural ventilation should be adequate under normal use conditions.
Eye Protection	Avoid contact with eyes. Eye protection such as protective glasses or goggles is recommended when this product is being used.
Skin Protection	Hand protection: PVC gloves.
Respirator	If there is a risk of inhalation of spray mists, wear a mask or respirator meeting the requirements of AS/NZS 1715.
Thermal protection	Non flammable product. No special protective equipment is recommended.

SECTION 9 – PHYSICAL & CHEMICAL PROPERTIES

Physical State	Sterile suspension
Colour	Opaque yellow liquid
pH	5.0 – 7.0
Boiling point	Approximately 100°C at 100kPa
Flash point	Does not burn.
Solubility	No data available

SECTION 10 – STABILITY & REACTIVITY

Chemical Stability	Stable under normal ambient and anticipated storage conditions of temperature and pressure
Conditions to Avoid	Keep away from extreme heat and open flames.
Incompatible Materials	No particular incompatibilities
Hazardous Decomposition	Fire may cause evolution of Carbon monoxide or Carbon dioxide.
Hazardous Reactions	This product is unlikely to spontaneously polymerise.

SECTION 11 – TOXICOLOGICAL INFORMATION	
Reproductive Effects	No information available.
Mutagenicity	No information available.
Carcinogenic Effects	No information available.
Health Hazard Information	<p><u>ACUTE</u></p> <p>Principle routes of exposure are by accidental skin exposure and self-inoculation. This can result in severe local reaction. Obtain medical advice in the event of self-inoculation.</p> <p>Swallowed: Harmful if swallowed. Symptoms of poisoning may include nausea and vomiting.</p> <p>Eye: May cause mild eye irritation.</p> <p>Skin: Contact with skin may result in irritation.</p> <p>Inhaled: May cause shortness of breath and/or coughing if inhaled.</p> <p>Animal toxicology: LD₅₀ (oral - rats) >2000mg/kg;</p>

SECTION 12 – ECOLOGICAL INFORMATION	
Ecotoxicity	Ecotoxic in the aquatic environment with possible long lasting effects owing to the low solubility and stability of barium selenite.
Persistence	Persistent in the soil due to low solubility and high stability of barium selenate.

SECTION 13 – DISPOSAL INFORMATION	
Spills and disposal	Dispose of empty containers and packaging by wrapping in paper and putting in garbage. Discarded needles should immediately be placed in a designated and appropriately labelled 'sharps' container. Product/containers should not be burnt.

SECTION 14 – TRANSPORT INFORMATION	
UN No	3082
UN Proper Shipping Name	Environmentally Hazardous Substance, Liquid, NOS (Barium selenate)
Class & Subsidiary Risk	9
Packaging Group	III
Hazchem Code	3Z
	<p>NOT CLASSIFIED AS DANGEROUS GOODS when transported by road or rail within Australia under Special Provision AU01 of the Australian Dangerous Goods Code, 7th Edition.</p> <p>CLASSIFIED AS DANGEROUS GOODS when transported by sea or air.</p>

SECTION 15 – REGULATORY INFORMATION

Poisons Schedule	Schedule 6
APVMA Registration	The product is registered by the APVMA.
Registration Number	59680

SECTION 16 – OTHER INFORMATION

Summary of Changes	GHS Update.
Acronyms	<p>ADG Code Australian Code for the Transport of Dangerous Goods by Road and Rail</p> <p>APVMA Australian Pesticides and Veterinary Medicines Authority</p> <p>CAS Chemical Abstracts Service Registry Number</p> <p>GHS Globally Harmonized System of Classification and Labelling of Chemicals</p> <p>HDPE High density polyethylene</p> <p>LDPE Low density polyethylene</p> <p>OECD Organisation for Economic Co-operation and Development</p> <p>STOT Specific Target Organ Toxicity</p> <p>SUSDP Standard for the Uniform Scheduling of Drugs and Poisons</p> <p>TWA Time Weighted Average – average airborne concentration of a particular substance when calculated over a normal eight-hour working day, for a five-day working week.</p> <p>UN Number United Nations number</p>
Disclaimer	<p>This Safety Data Sheet has been developed according to the Globally Harmonized System of Classification and Labelling of Chemicals (GHS) Third revised edition. United Nations, 2009. The data, information and recommendations herein ("information") are represented in good faith and believed to be correct as of the date hereof. The purpose of this Safety Data Sheet is to describe product in terms of their safety requirements. Bayer Australia Limited makes no representation of merchantability, fitness for a particular purpose or application, or of any other nature with respect to the information or the product to which the information refers ("the product"). The information is supplied upon the condition that the persons receiving same will make their own determination as to its suitability for their purposes prior to use of the product. The physical data shown herein are typical values based on material tested. These values should not be construed as a guaranteed analysis of any specific lot or as guaranteed specification for the product or specific lots thereof. Due care should be taken to make sure that the use or disposal of this product and / or its packaging is in compliance with relevant Federal, State and Local Government regulations.</p>

END OF SDS