

SAFETY DATA SHEET



SELOVIN LA

Date of Issue: 30 March 2016

SDS NZ

1. Identification of the Substance/Mixture and Supplier.

Product Name:	Selovin LA
Application:	For the prevention and treatment of selenium deficiency, ill-thrift, white muscle disease and all other selenium responsive diseases in sheep and cattle
Company:	Bayer New Zealand Limited, 3 Argus Place, Hillcrest, Auckland, 0627 New Zealand.
Telephone:	0800 652 488
Facsimile:	0800 229 838
Emergency telephone:	0800 734 607 Ixom SH&E Shared services (24hr)
National Poisons Centre:	0800 POISON (0800 764766)

2. Hazards Identification.

Hazardous Status:	Classified as hazardous according to the criteria in the Hazardous Substances (Minimum Degrees of Hazard) Regulations 2001.
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HSNO CLASSIFICATION	GHS HAZARD STATEMENTS
6.1E (oral)	H303 May be harmful if swallowed.
6.1E (dermal)	H313 May be harmful in contact with skin.
6.4A	H319 Causes serious eye irritation.
6.6B	H341 Suspected of causing genetic defects.
6.9A (repeated exposure)	H372 Causes damage to organs through prolonged or repeated exposure.
9.1B	H411 Toxic to aquatic life with long lasting effects.
9.2B	H422 Toxic to the soil environment.

Signal Word:	DANGER
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PREVENTION STATEMENTS

P102	Keep out of reach of children.
P103	Read label before use.
P201	Obtain special instructions before use.
P202	Do not handle until all safety precautions have been read and understood.
P260	Do not breathe mist/vapours/spray.
P264	Wash thoroughly after handling.
P270	Do not eat, drink or smoke when using this product.
P273	Avoid release to the environment.
P280	Wear protective gloves/protective clothing/eye protection/face protection.

RESPONSE STATEMENTS

P101	If medical advice is needed, have product container or label at hand.
P305 + P351 + P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337 + P313	If eye irritation persists: Get medical advice/attention.
P308 + P313	If exposed or concerned: Get medical advice/attention.
P312	Call a POISON CENTER or doctor/physician if you feel unwell.

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P391	Collect spillage.	
STORAGE STATEMENTS		
P405	Store locked up.	
DISPOSAL STATEMENTS		
P501	Do not let this product enter the environment. Do not dispose of in waterways or sewers. Dispose of this material and its container as hazardous waste, via a licensed facility. See local council for disposal/recycling information.	
GHS DIAMONDS		
3. Composition/Information on Ingredients.		
<u>Chemical Entity</u> Barium selenite Benzyl alcohol	<u>CAS Number</u> 7787-41-9 100-51-6	<u>Proportion %w/w</u> >= 10 - <= 100 >= 1 - <= 10
4. First Aid Measures.		
Swallowed:	Seek medical advice immediately, and show this container or label.	
Inhaled:	Remove to fresh air. Call a physician immediately.	
Skin contact:	After contact with skin, wash immediately with plenty of soap and water. If skin reactions occur, contact a physician.	
Eye contact:	In the case of contact with eyes, rinse immediately with plenty of water, and seek medical advice.	
Further information:	Take off all contaminated clothing immediately. Contact the National Poisons and Hazardous Chemicals Information centre in Dunedin, PO Box 913, Dunedin. Phone 0800 764 766, 0800 POISON.	
5. Fire-Fighting Measures.		
<u>Extinguishing Media</u>		
Suitable:	Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.	
Not Suitable:	High volume water jet.	
Special Exposure Hazards	Fire may cause evolution of Carbon Monoxide, Carbon Dioxide.	
Special protective equipment for fire-fighters	In the event of fire, wear self-contained breathing apparatus. Use personal protective equipment.	

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Further information:	Prevent fire extinguishing water from contaminating surface water or the ground water system.
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6. Accidental Release Measures.

Personal precautions	Use personal protective equipment.
Environmental precautions	Do not flush into surface water or sanitary sewer system.
Spill	Cover spilt product with liquid-binding material (sand, silica gel, acid binder, Universal binder, hybilat). Take up mechanically and fill into labelled, closable containers.
Additional advice	Keep away from/remove sources of ignition.

7. Handling and Storage.

Handling:	Avoid formation of aerosol. Only handle product with local exhaust ventilation. Avoid contact with skin, eyes and clothing. The product is not flammable.
Storage:	Suitable storage, with adequate product-reception volume must be used. During handling, local official regulations must be observed in order to avert impairment of water by the product.

8. Exposure Control/Personal Protection

Exposure limit values:	Not available
Personal protection measures	
Respiratory protection:	In the case of vapour formation, use a respirator with an approved filter.
Hand protection:	Wear chemical gloves made of Baypren, nitrile rubber or PVC. Breakthrough time not tested; dispose of immediately after contamination – do not re-use gloves.
Eye protection:	Wear safety glasses/goggles.
Other protective measures:	Wear suitable protective equipment.

9. Physical and Chemical Properties

PROPERTY	SPECIFICATION	REFERENCE
Physical state	Liquid	
Flash Pt (benzyl alcohol)	101 deg C	DIN 51758
Explosive properties (benzyl alcohol)	UEL: 13% vol LEL: 1.3% vol	
Vapour pressure	No data available	
Density	No data available	
Solubility	No data available	

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10. Stability and Reactivity

Stability:	No data available
Possibility of hazardous reactions:	No data available
Hazardous decomposition products:	Carbon Monoxide, Carbon Dioxide

11. Toxicological Information

Toxicity – according to HSNO classification	
ACUTE	
Swallowed	H303 May be harmful if swallowed.
Skin	H313 May be harmful in contact with skin.
Eyes	H319 Causes serious eye irritation.
CHRONIC	
	H341 Suspected of causing genetic defects.
	H372 Causes damage to organs through prolonged or repeated exposure.

12. Ecological Information

Ecotoxic according to criteria of HSNO: H411 Toxic to aquatic life with long lasting effects.			
BenzyI Alcohol			
Acute fish toxicity	LC50 10 mg/L	Bluegill	96h
Daphnia	EC50 400 mg/L	Water flea	24h
Bacteria	EC50 71.4 mg/L	Photobacterium phosphoreum	0.5h
Do not allow to enter surface waters or ground water			

13. Disposal Considerations.

Do not let this product enter the environment. Do not dispose of in waterways or sewers. Dispose of this material and its container as hazardous waste, via a licensed facility. See local council for disposal/recycling information.

14. Transportation Information.

Regulated for transport	Keep separated from foodstuffs.
UN Number:	3082
Proper Shipping Name:	Environmentally Hazardous Substance, Liquid, NOS (Barium Selenate)
Class:	9
Packing Group:	III
Hazchem:	3Z
Marine Pollutant:	Yes

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15. Regulatory Information.

HSNO Classification:

6.1E(o/d), 6.4A, 6.6B, 6.9A, 9.1B, 9.2B

EPA Approval Number:

HSR002380

ACVM Number:

A009509

Controls for hazardous substances:

Level 2: MSDS required when >100mL is present in a workplace.

Level 3: Emergency Response Plan and Secondary Containment required when >1000L is present in a workplace.

Ecotoxic signage required when >1000L is stored.

Approved Handler: Not required.

Tracking: Not required.

Any existing national regulations on the handling of dangerous substances should be observed. Controls for hazardous substances are based upon current knowledge. Where multiple chemicals are stored, controls will need to take into account aggregate quantities. Contact an EPA/WorkSafe NZ approved test certifier for further information and guidance.

16. Other Information.

HSNO = Hazardous Substances and New Organisms Act.

EPA = Environmental Protection Authority

The data given here is based on current knowledge and experience. The purpose of this Safety Data Sheet is to describe products in terms of their safety requirements. The above details do not imply any guarantee concerning composition, properties or performance of the product.