

# SAFETY DATA SHEET



## 1. Identification

<b>Product identifier</b>	<b>Sheepguard® SE Oral Drench for Sheep with Selenium</b>
<b>Other means of identification</b>	None.
<b>Recommended use of the chemical and restrictions on use</b>	
<b>Recommended use</b>	Veterinary antiparasitic; anti-worm agent (anthelmintic)
<b>Restrictions on use</b>	Not for human use
<b>Details of manufacturer or importer</b>	
<b>Company Name (AU)</b>	Zoetis Australia Pty Ltd ABN 94 156 476 425 Level 6, 5 Rider Boulevard Rhodes NSW 2138 AUSTRALIA
<b>Tel</b>	1800 814 883
<b>Fax</b>	(02) 8876 0444
<b>Email</b>	australia.animalhealth@zoetis.com
<b>Emergency Phone</b>	1800 814 883 (all hours)
<b>Police and Fire Brigade</b>	Dial 000
<b>If ineffective</b>	Dial Poisons Information Centre (13 1126 from anywhere in Australia)

## 2. Hazard(s) identification

### Classification of the hazardous chemical

<b>Physical hazards</b>	Not classified.	
<b>Health hazards</b>	Not classified.	
<b>Environmental hazards</b>	Hazardous to the aquatic environment, acute hazard	Category 1
	Hazardous to the aquatic environment, long-term hazard	Category 1

### Label elements, including precautionary statements

#### Hazard symbol(s)



Environment

#### Signal word

Warning

#### Hazard Statement(s)

Very toxic to aquatic life with long lasting effects.

#### Precautionary Statement(s)

##### Prevention

Avoid release to the environment.

##### Response

Collect spillage.

##### Storage

Store away from incompatible materials.

##### Disposal

Dispose of contents/container in accordance with local/regional/national/international regulations.

#### Other hazards which do not result in classification

None known.

#### Supplemental information

May cause eye irritation. May cause skin irritation.

## 3. Composition/information on ingredients

### Mixture

Identity of chemical ingredients	CAS number and other unique identifiers	Concentration of ingredients
Propylene glycol	57-55-6	30-60
Benzyl alcohol	100-51-6	2 - 7
Butylated hydroxytoluene	128-37-0	<1
Moxidectin Moxidectin Technical Material (MTM)	113507-06-5	1 mg/ml
Sodium Selenate	13410-01-0	0.5 mg/ml

## 4. First-aid measures

### Description of necessary first aid measures

<b>Inhalation</b>	Move to fresh air. Call a physician if symptoms develop or persist.
<b>Skin contact</b>	Wash off with soap and water. Get medical attention if irritation develops and persists.
<b>Eye contact</b>	Rinse with water. Get medical attention if irritation develops and persists.
<b>Ingestion</b>	Rinse mouth. Get medical advice/attention if you feel unwell. Get medical attention if symptoms occur. If ingestion of a large amount does occur, call a poison control centre immediately. Never give anything by mouth to a victim who is unconscious or is having convulsions.

**Personal protection for first-aid responders** For personal protection, see section 8 of the SDS. Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves.

**Symptoms caused by exposure** Direct contact with eyes may cause temporary irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Skin irritation. Rash. Prolonged exposure may cause chronic effects. Behavioural changes. Decrease in motor functions.

**Medical attention and special treatment** Provide general supportive measures and treat symptomatically. Keep victim under observation. Symptoms may be delayed.

## 5. Fire-fighting measures

### Extinguishing media

**Suitable extinguishing media** Water fog. Foam. Dry chemical powder. Carbon dioxide (CO<sub>2</sub>).

**Unsuitable extinguishing media** Do not use water jet as an extinguisher, as this will spread the fire.

**Specific hazards arising from the chemical** During fire, gases hazardous to health may be formed.

**Special protective equipment and precautions for fire fighters** Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

**Fire fighting equipment/instructions** Move containers from fire area if you can do so without risk.

**Hazchem Code** None.

**General fire hazards** No unusual fire or explosion hazards noted.

**Specific methods** Use standard firefighting procedures and consider the hazards of other involved materials.

## 6. Accidental release measures

### Personal precautions, protective equipment and emergency procedures

**For non-emergency personnel** Keep unnecessary personnel away. Ensure adequate ventilation. Local authorities should be advised if significant spillages cannot be contained.

**For emergency responders** Use personal protection recommended in Section 8 of the SDS. Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Ventilate the contaminated area. Do not breathe mist or vapour. Avoid contact with eyes, skin, and clothing. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area).

**Environmental precautions** Avoid release to the environment. Inform appropriate managerial or supervisory personnel of all environmental releases. Prevent further leakage or spillage if safe to do so. Avoid discharge into drains, water courses or onto the ground.

**Methods and materials for containment and cleaning up**

Ensure adequate ventilation. Avoid release to the environment. Prevent product from entering drains. Prevent entry into waterways, sewer, basements or confined areas. Eliminate all ignition sources (no smoking, flares, sparks or flames in immediate area).

Large Spills: Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Cover with plastic sheet to prevent spreading. Absorb in vermiculite, dry sand or earth and place into containers. Clean surface thoroughly to remove residual contamination.

Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination.

Never return spills to original containers for re-use. For waste disposal, see section 13 of the SDS.

**7. Handling and storage**

**Precautions for safe handling**

Do not handle, store or open near an open flame, sources of heat or sources of ignition. Protect material from direct sunlight. Observe good industrial hygiene practices. Use this product with adequate ventilation. Do not breathe mist or vapour. Avoid contact with eyes, skin, and clothing. Avoid prolonged exposure. Avoid release to the environment. When using, do not eat, drink or smoke. Wash thoroughly after handling. Wear appropriate personal protective equipment.

**Conditions for safe storage, including any incompatibilities**

Store locked up. Store in a well-ventilated place. Protect from sunlight. Keep away from heat, sparks and open flame. Keep away from food, drink and animal feeding stuffs. Keep out of the reach of children. Store away from incompatible materials (see Section 10 of the SDS).

**8. Exposure controls and personal protection**

**Control parameters**

Follow standard monitoring procedures.

**Occupational exposure limits**

**Zoetis**

**Components**

**Type**

**Value**

Moxidectin (CAS 113507-06-5)

TWA

70 µg/m3

**Australia. National Workplace OELs (Workplace Exposure Standards for Airborne Contaminants, Appendix A)**

**Components**

**Type**

**Value**

**Form**

Butylated hydroxytoluene (CAS 128-37-0)

TWA

10 mg/m3

Propylene glycol (CAS 57-55-6)

TWA

474 mg/m3

Total vapour and particulates.

10 mg/m3

Particulate.

150 ppm

Total vapour and particulates.

Sodium Selenate (CAS 13410-01-0)

TWA

0.1 mg/m3

**Australia. OELs. (Adopted National Exposure Standards for Atmospheric Contaminants in the Occupational Environment)**

**Components**

**Type**

**Value**

**Form**

Butylated hydroxytoluene (CAS 128-37-0)

TWA

10 mg/m3

Propylene glycol (CAS 57-55-6)

TWA

474 mg/m3

Total vapour and particulates.

10 mg/m3

Particulate.

150 ppm

Total vapour and particulates.

Sodium Selenate (CAS 13410-01-0)

TWA

0.1 mg/m3

**US. ACGIH Threshold Limit Values**

**Components**

**Type**

**Value**

**Form**

Butylated hydroxytoluene (CAS 128-37-0)

TWA

2 mg/m3

Inhalable fraction and vapor.

Sodium Selenate (CAS 13410-01-0)

TWA

0.2 mg/m3

**UK. EH40 Workplace Exposure Limits (WELs)**

Components	Type	Value	Form
Butylated hydroxytoluene (CAS 128-37-0)	TWA	10 mg/m <sup>3</sup>	
Propylene glycol (CAS 57-55-6)	TWA	474 mg/m <sup>3</sup>	Total vapour and particulates.
		10 mg/m <sup>3</sup>	Particulate.
		150 ppm	Total vapour and particulates.
Sodium Selenate (CAS 13410-01-0)	TWA	0.1 mg/m <sup>3</sup>	

**Germany. DFG MAK List (advisory OELs). Commission for the Investigation of Health Hazards of Chemical Compounds in the Work Area (DFG)**

Components	Type	Value	Form
Butylated hydroxytoluene (CAS 128-37-0)	TWA	10 mg/m <sup>3</sup>	Vapor and aerosol, inhalable fraction.
Sodium Selenate (CAS 13410-01-0)	TWA	0.02 mg/m <sup>3</sup>	Inhalable fraction.

**Biological limit values**

No biological exposure limits noted for the ingredient(s).

**Appropriate engineering controls**

Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level.

**Individual protection measures, for example personal protective equipment (PPE)****Eye/face protection**

Wear safety glasses with side shields (or goggles).

**Skin protection****Hand protection**

Wear appropriate chemical resistant gloves. Rubber gloves. Polyvinyl chloride (PVC).

**Other**

Wear suitable protective clothing. Use protective clothing (uniforms, lab coats, disposable coveralls, etc.) in both production and laboratory areas.

**Respiratory protection**

No personal respiratory protective equipment normally required. Respiratory protection should be provided in instances where exposure to dust, mists, aerosols or vapors are likely. If the applicable Occupational Exposure Limit (OEL) is exceeded, wear an appropriate respirator with a protection factor sufficient to control exposures to below the OEL.

**Thermal hazards**

Wear appropriate thermal protective clothing, when necessary.

**Hygiene measures**

Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

**9. Physical and chemical properties****Appearance****Physical state**

Liquid.

**Form**

Liquid.

**Colour**

Clear, colorless to pale yellow

**Odour**

Aromatic.

**Odour threshold**

Not available.

**pH**

Not available.

**Melting point/freezing point**

0 °C (32 °F)

**Initial boiling point and boiling range**

100 °C (212 °F)

**Flash point**

Not available.

**Evaporation rate**

Not available.

**Flammability (solid, gas)**

Not applicable.

**Upper/lower flammability or explosive limits****Flammability limit - lower (%)**

Not available.

<b>Flammability limit - upper (%)</b>	Not available.
<b>Explosive limit - lower (%)</b>	Not available.
<b>Explosive limit – upper (%)</b>	Not available.
<b>Vapour pressure</b>	2.37 kPa (@ 20C)
<b>Vapour density</b>	Not available.
<b>Relative density</b>	Not available.
<b>Solubility(ies)</b>	
<b>Solubility (water)</b>	Soluble
<b>Partition coefficient (n-octanol/water)</b>	Not available.
<b>Auto-ignition temperature</b>	Not available.
<b>Decomposition temperature</b>	Not available.
<b>Viscosity</b>	Not available.
<b>Other physical and chemical parameters</b>	
<b>Explosive properties</b>	Not explosive.
<b>Oxidising properties</b>	Not oxidising.

## 10. Stability and reactivity

<b>Reactivity</b>	The product is stable and non-reactive under normal conditions of use, storage and transport.
<b>Chemical stability</b>	Material is stable under normal conditions.
<b>Possibility of hazardous reactions</b>	No dangerous reaction known under conditions of normal use.
<b>Conditions to avoid</b>	Exposure to light. Sunlight. Heat, flames and sparks. Contact with incompatible materials.
<b>Incompatible materials</b>	Strong oxidising agents.
<b>Hazardous decomposition products</b>	Irritating and/or toxic fumes and gases may be emitted upon the products decomposition. Carbon oxides. Nitrogen oxides (NOx). Selenium.

## 11. Toxicological information

### Information on possible routes of exposure

<b>Inhalation</b>	Prolonged inhalation may be harmful.
<b>Skin contact</b>	Frequent or prolonged contact may defat and dry the skin, leading to discomfort and dermatitis.
Benzyl alcohol	Species: Guinea Pig Severity: Moderate
Moxidectin	Species: Rabbit Severity: Mild
Propylene glycol	Species: Rabbit Severity: Mild
Benzyl alcohol	Species: Rabbit Severity: Minimal
Butylated hydroxytoluene	Species: Rabbit Severity: Moderate
<b>Eye contact</b>	Direct contact with eyes may cause temporary irritation.
Propylene glycol	Species: Rabbit Severity: Mild
Butylated hydroxytoluene	Species: Rabbit Severity: Moderate
Moxidectin	Species: Rabbit Severity: Moderate

**Eye contact**  
Benzyl alcohol

Species: Rabbit  
Severity: Severe

**Ingestion**

May be harmful if swallowed. However, ingestion is not likely to be a primary route of occupational exposure.

**Symptoms related to exposure**

Direct contact with eyes may cause temporary irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Frequent or prolonged contact may defat and dry the skin, leading to discomfort and dermatitis. Rash. Prolonged exposure may cause chronic effects. Behavioural changes. Decrease in motor functions.

**Acute toxicity**

Product	Species	Test results
Sheepguard® SE Oral Drench for Sheep with Selenium		
<b>Acute</b>		
<b>Dermal</b>		
LD50		> 10000 mg/kg (Calculated ATE)
<b>Oral</b>		
LD50		> 10000 mg/kg (Calculated ATE)

Components	Species	Test results
Benzyl alcohol (CAS 100-51-6)		
<b>Acute</b>		
<b>Dermal</b>		
LD50	Rabbit	2000 mg/kg
<b>Inhalation</b>		
LC50	Rat	> 4.178 mg/l 1000 mg/l, 8 Hours
<b>Oral</b>		
LD50	Mouse	1580 mg/kg
	Rat	1230 mg/kg
Butylated hydroxytoluene (CAS 128-37-0)		
<b>Acute</b>		
<b>Intraperitoneal</b>		
LD50	Mouse	138 mg/kg
<b>Oral</b>		
LD50	Mouse	650 mg/kg
	Rat	1700 mg/kg 890 mg/kg
<b>Chronic</b>		
<b>Oral</b>		
LOAEL	Mouse	2000 mg/kg, 4 days Liver Kidney Ureter Bladder
	Rat	5185 mg/kg, 4 weeks Liver
Moxidectin (CAS 113507-06-5)		
<b>Acute</b>		
<b>Dermal</b>		
LD50	Rat	> 2000 mg/kg
<b>Oral</b>		
LD50	Rat	106 mg/kg
<b>Chronic</b>		
<b>Oral</b>		
NOEL	Mouse	30 mg/kg/day, 2 years (Not carcinogenic)
	Rat	100 mg/kg/day, 2 years (Not carcinogenic)

Components	Species	Test results
<b><u>Subacute</u></b>		
<b>Oral</b>		
LOEL	Rat	100 mg/kg/day, 28 days (Central Nervous System)
NOEL	Mouse	75 mg/kg/day, 28 days (Central nervous system)
<b><u>Subchronic</u></b>		
<b>Oral</b>		
NOEL	Dog	10 mg/kg/day, 90 days (Central Nervous System)
	Rat	50 mg/kg/day, 13 weeks (Central Nervous System)
Propylene glycol (CAS 57-55-6)		
<b><u>Acute</u></b>		
<b>Dermal</b>		
LD50	Rabbit	20800 mg/kg
<b>Oral</b>		
LD50	Mouse	24900 mg/kg
	Rat	22000 mg/kg
<b>Skin corrosion/irritation</b>	Prolonged skin contact may cause temporary irritation.	
<b>Corrosivity</b>		
Moxidectin	Species: Rabbit Severity: Mild	
<b>Serious eye damage/irritation</b>	Direct contact with eyes may cause temporary irritation.	
<b>Eye contact</b>		
Propylene glycol	Species: Rabbit Severity: Mild	
Butylated hydroxytoluene	Species: Rabbit Severity: Moderate	
Moxidectin	Species: Rabbit Severity: Moderate	
Benzyl alcohol	Species: Rabbit Severity: Severe	
<b>Respiratory or skin sensitisation</b>		
<b>Respiratory sensitisation</b>	Not a respiratory sensitizer.	
<b>Skin sensitisation</b>	This product is not expected to cause skin sensitisation.	
<b>Skin sensitisation</b>		
Moxidectin	Species: Guinea Pig Severity: negative	
<b>Germ cell mutagenicity</b>	No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.	
<b>Mutagenicity</b>		
Moxidectin	In Vitro Bacterial Mutagenicity (Ames) Result: negative Species: Salmonella , E. coli	
	In Vitro HGPRT Forward Gene Mutation Assay Result: negative Species: Chinese Hamster Ovary (CHO) cells	

**Mutagenicity**

Moxidectin

In Vivo Cytogenetics  
 Result: negative  
 Species: Rat Bone Marrow

In Vivo Unscheduled DNA Synthesis  
 Result: negative  
 Species: Rat Hepatocyte

**Carcinogenicity**

Due to partial or complete lack of data the classification is not possible.

**ACGIH Carcinogens**

Butylated hydroxytoluene (CAS 128-37-0)

A4 Not classifiable as a human carcinogen.

**IARC Monographs. Overall Evaluation of Carcinogenicity**

Butylated hydroxytoluene (CAS 128-37-0)

3 Not classifiable as to carcinogenicity to humans.

Sodium Selenate (CAS 13410-01-0)

3 Not classifiable as to carcinogenicity to humans.

**Reproductive toxicity**

This product is not expected to cause reproductive or developmental effects.

**Developmental effects**

Moxidectin

1 mg/kg/day Embryo / Fetal Development, (Maternal toxicity, Not teratogenic)  
 Result: NOEL  
 Species: Rabbit  
 Organ: Oral route

5 mg/kg/day Embryo / Fetal Development, (Negative)  
 Result: NOEL  
 Species: Rat  
 Organ: Oral route

5 mg/kg/day Embryo / Fetal Development, (Not Teratogenic, Embryotoxicity, Maternal Toxicity)  
 Result: NOEL  
 Species: Rat  
 Organ: Oral route

Butylated hydroxytoluene

6 g/kg Embryo / Fetal Development, teratogenic  
 Result: LOEL  
 Species: Rat  
 Organ: Oral

**Specific target organ toxicity - single exposure**

Not classified.

**Specific target organ toxicity - repeated exposure**

Not classified.

**Aspiration hazard**

Not an aspiration hazard.

**Chronic effects**

Prolonged inhalation may be harmful.

**12. Ecological information****Ecotoxicity**

Avoid release to the environment. Very toxic to aquatic life with long lasting effects.

**Components****Species****Test results**

Benzyl alcohol (CAS 100-51-6)

EC50

Daphnia magna (Water Flea)

230 mg/l, 48 Hours

66 mg/l, 21 day(s) Toxicity for reproduction

Pseudokirchneriella subcapitata (Green Alga)

500 mg/l, 72 Hours

LC50

Pimephales promelas (Fathead Minnow)

460 mg/l, 96 Hours

**Aquatic**

Fish

LC50

Bluegill (Lepomis macrochirus)

10 mg/l, 96 hours



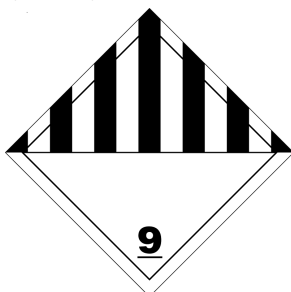
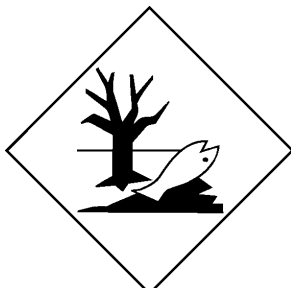
Components	Species	Test results
Butylated hydroxytoluene (CAS 128-37-0)		
<b>Aquatic</b>		
Crustacea	EC50	Water flea (Daphnia pulex) 1.44 mg/l, 48 hours
Moxidectin (CAS 113507-06-5)		
	EC50	Daphnia Magna (Water Flea) 30 ppt, 48 Hours
		Selenastrum capricornutum (Green Alga) > 87 ppb, 72 Hours
	LC50	Lepomis macrochirus (Bluegill Sunfish) 0.62 ppb, 96 Hours
		Oncorhynchus mykiss (Rainbow Trout) 0.16 ppb, 96 Hours
Propylene glycol (CAS 57-55-6)		
<b>Aquatic</b>		
Crustacea	EC50	Water flea (Daphnia magna) > 10000 mg/l, 48 hours
Fish	LC50	Fathead minnow (Pimephales promelas) 710 mg/l, 96 hours
Sodium Selenate (CAS 13410-01-0)		
<b>Aquatic</b>		
Crustacea	EC50	Scud (Gammarus pseudolimnaeus) 0.068 - 0.101 mg/l, 48 hours
Fish	LC50	Razorback sucker (Xyrauchen texanus) 9.6 - 18 mg/l, 96 hours
<b>Persistence and degradability</b>	No data is available on the degradability of this product.	
<b>Bioaccumulative potential</b>		
<b>Partition coefficient n-octanol / water (log Kow)</b>		
Moxidectin	8.74, (Log D @pH 7) Estimated	
<b>Mobility in soil</b>	No data available for this product.	
<b>Other adverse effects</b>	No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.	
<b>13. Disposal considerations</b>		
<b>Disposal methods</b>	Avoid release to the environment. Do not allow this material to drain into sewers/water supplies. Do not contaminate ponds, waterways or ditches with chemical or used container. Considering the relevant known environmental and human health hazards of the material, review and implement appropriate technical and procedural waste water and waste disposal measures to prevent occupational exposure and environmental release. It is recommended that waste minimization be practiced. The best available technology should be utilized to prevent environmental releases. This may include destructive techniques for waste and wastewater. Dispose of contents/container in accordance with local/regional/national/international regulations.	
<b>Residual waste</b>	Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions).	
<b>Contaminated packaging</b>	Since emptied containers may retain product residue, follow label warnings even after container is emptied. Empty containers should be taken to an approved waste handling site for recycling or disposal.	
<b>14. Transport information</b>		
<b>ADG</b>		
Not regulated as dangerous goods.		
<b>RID</b>		
<b>UN number</b>	3082	
<b>UN proper shipping name</b>	Environmentally hazardous substance, liquid, n.o.s. (Moxidectin, Benzyl alcohol)	
<b>Transport hazard class(es)</b>		
<b>Class</b>	9	
<b>Subsidiary risk</b>	-	
<b>Label(s)</b>	9	
<b>Packing group</b>	III	
<b>Environmental hazards</b>	Yes	
<b>Special precautions for user</b>	Read safety instructions, SDS and emergency procedures before handling.	

**IATA**

<b>UN number</b>	3082
<b>UN proper shipping name</b>	Environmentally hazardous substance, liquid, n.o.s. (Moxidectin, Benzyl Alcohol)
<b>Transport hazard class(es)</b>	
<b>Class</b>	9
<b>Subsidiary risk</b>	-
<b>Packing group</b>	III
<b>Environmental hazards</b>	Yes
<b>ERG Code</b>	9L
<b>Special precautions for user</b>	Read safety instructions, SDS and emergency procedures before handling.
<b>Other information</b>	
<b>Passenger and cargo aircraft</b>	Allowed with restrictions.
<b>Cargo aircraft only</b>	Allowed with restrictions.

**IMDG**

<b>UN number</b>	3082
<b>UN proper shipping name</b>	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Moxidectin, Benzyl Alcohol), MARINE POLLUTANT
<b>Transport hazard class(es)</b>	
<b>Class</b>	9
<b>Subsidiary risk</b>	-
<b>Packing group</b>	III
<b>Environmental hazards</b>	
<b>Marine pollutant</b>	Yes
<b>EmS</b>	F-A, S-F
<b>Special precautions for user</b>	Read safety instructions, SDS and emergency procedures before handling.
<b>Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code</b>	Not established.

**IATA; IMDG; RID****Marine pollutant****General information**

IMDG Regulated Marine Pollutant. As of January 1, 2015, materials offered for transport that are classified for transportation only as Marine Pollutants and which are packaged in single or combination packagings containing a net quantity per single or inner packaging of 5 Liters or less for liquids or having a net mass per single or inner packaging of 5 kilograms or less for solids are NOT subject to ICAO/IATA, IMDG, or ADR transport regulations provided the general packaging requirements of those regulations are met. Refer to ICAO/IATA A197, IMDG 2.10.2.7, ADR SP 375.

## 15. Regulatory information

### Safety, health and environmental regulations

#### National regulations

This Safety Data Sheet was prepared in accordance with Australia Model Code of Practice for the preparation of Safety Data Sheets for Hazardous Chemicals (23/12/2011).

APVMA Registration No: 65367

Poison Schedule (Product): Schedule 6

This SDS replaces version: issued November 2014

#### Australia Medicines & Poisons Appendix B

Propylene glycol (CAS 57-55-6)

#### Australia Medicines & Poisons Appendix E

SELENIUM COMPOUNDS (CAS 13410-01-0)

#### Australia Medicines & Poisons Appendix F

SELENIUM COMPOUNDS (CAS 13410-01-0)

#### Australia Medicines & Poisons Appendix G

Selenium (CAS 13410-01-0)

#### Australia Medicines & Poisons Appendix I

SELENIUM OR SELENIUM COMPOUNDS (CAS 13410-01-0)

#### Australia Medicines & Poisons Schedule 4

MOXIDECTIN (CONC<=10%) (CAS 113507-06-5)

#### Australia Medicines & Poisons Schedule 5

MOXIDECTIN (CONC<=2.5%) (CAS 113507-06-5)

#### Australia Medicines & Poisons Schedule 6

MOXIDECTIN (CONC<=2.5%) (CAS 113507-06-5)

SELENIUM (CONC<=2%) (CAS 13410-01-0)

#### Australia Medicines & Poisons Schedule 7

MOXIDECTIN (CAS 113507-06-5)

Selenium (CAS 13410-01-0)

#### Australia National Pollutant Inventory (NPI): Threshold quantity

Sodium Selenate (CAS 13410-01-0)

10 TONNES/YR Threshold Category: 1

#### High Volume Industrial Chemicals (HVIC)

Benzyl alcohol (CAS 100-51-6)

10000 - 99999 TONNES See the regulation for additional information.

Propylene glycol (CAS 57-55-6)

10000 - 99999 TONNES See the regulation for additional information.

#### Importation of Ozone Depleting Substances (Customs(Prohibited imports) Regulations 1956, Schedule 10)

Not listed.

#### National Pollutant Inventory (NPI) substance reporting list

Not listed.

#### Prohibited Carcinogenic Substances

Not regulated.

#### Prohibited Substances (National Model Regulation for the control of Workplace Hazardous Substances, Schedule 2 NOHSC:1005 (1994) as amended)

Not listed.

#### Restricted Importation of Organochlorine Chemicals (Customs(Prohibited Imports) Regulations 1956, Schedule 9)

Not listed.

#### Restricted Carcinogenic Substances

Not regulated.

### International regulations

#### Stockholm Convention

Not applicable.

#### Rotterdam Convention

Not applicable.

#### Kyoto protocol

Not applicable.

**Montreal Protocol**

Not applicable.

**Basel Convention**

Not applicable.

**International Inventories**

<b>Country(s) or region</b>	<b>Inventory name</b>	<b>On inventory (yes/no)*</b>
Australia	Australian Inventory of Chemical Substances (AICS)	No
Canada	Domestic Substances List (DSL)	No
Canada	Non-Domestic Substances List (NDSL)	No
China	Inventory of Existing Chemical Substances in China (IECSC)	No
Europe	European Inventory of Existing Commercial Chemical Substances (EINECS)	No
Europe	European List of Notified Chemical Substances (ELINCS)	No
Japan	Inventory of Existing and New Chemical Substances (ENCS)	No
Korea	Existing Chemicals List (ECL)	No
New Zealand	New Zealand Inventory	No
Philippines	Philippine Inventory of Chemicals and Chemical Substances (PICCS)	No
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	No

\*A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s)

A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).

**16. Other information**

**Issue date** 15-December-2016

**Key abbreviations or acronyms used** ATE: Acute Toxicity Estimate according to REGULATION (EC) No 1272/2008 (CLP).

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