

Revision date: 09-Feb-2015

Version: 5.1

1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND THE COMPANY/UNDERTAKING

Product Identifier

Material Name: Selamectin topical solution- Single dose tubes

Trade Name: Synonyms: Chemical Family: REVOLUTION; STRONGHOLD; PARADYNE Selamectin formulation Mixture

Relevant Identified Uses of the Substance or Mixture and Uses Advised Against

Intended Use: Restrictions on Use: Veterinary product used as Antiparasitic (veterinary); endectocide Not for human use

Details of the Supplier of the Safety Data Sheet

Zoetis Inc. 100 Campus Drive, P.O. Box 651 Florham Park, New Jersey 07932 (USA) Rocky Mountain Poison Control Center Phone: 1-866-531-8896 Product Support/Technical Services Phone: 1-800-366-5288

Emergency telephone number: CHEMTREC (24 hours): 1-800-424-9300 Contact E-Mail: VMIPSrecords@zoetis.com Zoetis Belgium S.A. Mercuriusstraat 20 1930 Zaventem Belgium

Emergency telephone number: International CHEMTREC (24 hours): +1-703-527-3887

2. HAZARDS IDENTIFICATION

Appearance: Colorless to pale yellow solution Classification of the Substance or Mixture GHS - Classification

> Serious Eye Damage/Eye Irritation: Category 2A Reproductive Toxicity: Category 2 Specific target organ systemic toxicity (single exposure): Category 3 Acute aquatic toxicity: Category 2 Chronic aquatic toxicity: Category 2 Flammable liquids- Category 2

EU Classification:

EU Indication of danger: Flammable

Irritant Toxic to Reproduction: Category 3 Dangerous for the Environment

EU Symbol: F ; Xn ; N EU Risk Phrases:

Material Name: Selamectin topical solution- Single dose tubes Revision date: 09-Feb-2015 Page 2 of 13 Version: 5.1

	2. HAZARDS IDENTIFICATION
	 R11 - Highly flammable. R67 - Vapors may cause drowsiness and dizziness. R36 - Irritating to eyes. R62 - Possible risk of impaired fertility. R63 - Possible risk of harm to the unborn child. R50/53 - Very toxic to aquatic organisms, may cause long-term adverse effects in the aquat environment.
abel Elements	
Signal Word: Hazard Statements:	Danger H225 - Highly flammable liquid and vapor H336 - May cause drowsiness and dizziness H319 - Causes serious eye irritation H361 - Suspected of damaging fertility or the unborn child H411 - Toxic to aquatic life with long lasting effects
Precautionary Statements:	 P201 - Obtain special instructions before use P202 - Do not handle until all safety precautions have been read and understood P210 - Keep away from heat/sparks/open flames/hot surfaces No smoking P233 - Keep container tightly closed P240 - Ground/Bond container and receiving equipment P241 - Use explosion-proof electrical/ventilating/lighting/equipment P242 - Use only non-sparking tools P243 - Take precautionary measures against static discharge P260 - Wear protective gloves/protective clothing/eye protection/face protection P264 - Wash hands thoroughly after handling P261 - Avoid breathing dust/fume/gas/mist/vapors/spray P271 - Use only outdoors or in a well-ventilated area P273 - Avoid release to the environment P308 + P313 - IF exposed or concerned: Get medical attention/advice P312 - Call a POISON CENTRE/doctor/physician if you feel unwell P370 + P378 - In case of fire: Use CO2, dry chemical or foam for extinction P303 + P361 + 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 P304 + P340 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing P403 + P235 - Store in a well-ventilated place. Keep cool P403 + P235 - Store in a well-ventilated place. Keep cool



Other Hazards Short Term:

Not acutely toxic (based on components).

Material Name: Selamectin topical solution- Single dose tubes Revision date: 09-Feb-2015

Page 3 of 13 Version: 5.1

Long Term:	Prolonged or repeated contact may cause defatting dermatitis (dryness and cracking of the skin). Repeat-dose studies in animals have shown a potential to cause adverse effects on : liver, reproductive system, and the developing fetus.
Australian Hazard Classification (NOHSC):	Hazardous Substance. Dangerous Goods.
Note:	This document has been prepared in accordance with standards for workplace safety, which require the inclusion of all known hazards of the product or its ingredients regardless of the potential risk. The precautionary statements and warnings included may not apply in all cases. Your needs may vary depending upon the potential for exposure in your workplace.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous

Ingredient	CAS Number	EU EINECS/ELINCS List	EU Classification	GHS Classification	%
Isopropyl alcohol	67-63-0	200-661-7	Xi; R36	STOT SE 3 (H336) Flam. Liq. 2 (H225) Eye Irrit. 2A (H319)	72 - 86
Selamectin	165108-07-6	Not Listed	N;R50 Repr. Cat.3;R62-63	Repr.2 (H361) Aquatic Acute 1 (H400) Aquatic Chronic 1 (H410)	7 - 15
Dipropylene glycol methyl ether	34590-94-8	252-104-2	Not Listed	Not Listed	<1.0
Butylated hydroxytoluene	128-37-0	204-881-4	Not Listed	Not Listed	<1.0

Additional Information:

Ingredient(s) indicated as hazardous have been assessed under standards for workplace safety. In accordance with 29 CFR 1910.1200, the exact percentage composition of this mixture has been withheld as a trade secret.

For the full text of the R phrases and CLP/GHS abbreviations mentioned in this Section, see Section 16

4. FIRST AID MEASURES

Description of First Aid Measures Eye Contact:	Flush with water while holding eyelids open for at least 15 minutes. Seek medical attention immediately.
Skin Contact:	Remove contaminated clothing. Flush area with large amounts of water. Use soap. Seek medical attention.
Ingestion:	Never give anything by mouth to an unconscious person. Wash out mouth with water. Do not induce vomiting unless directed by medical personnel. Seek medical attention immediately.
Inhalation:	Remove to fresh air and keep patient at rest. Seek medical attention immediately.
Most Important Symptoms and Effect Symptoms and Effects of Exposure: Medical Conditions Aggravated by Exposure:	cts, Both Acute and Delayed For information on potential signs and symptoms of exposure, See Section 2 - Hazards Identification and/or Section 11 - Toxicological Information. None known
Indication of the Immediate Medical Notes to Physician:	Attention and Special Treatment Needed None

Material Name: Selamectin topical solution- Single dose tubes Revision date: 09-Feb-2015

5. FIRE-FIGHTING MEASURES

Extinguishing Media:	Carbon dioxide, dry chemical, or foam
Special Hazards Arising from the S Hazardous Combustion Products:	ubstance or Mixture Formation of toxic gases is possible during heating or fire.
Fire / Explosion Hazards:	Highly flammable. Vapors will form flammable or explosive mixtures with air at room temperature.

Advice for Fire-Fighters

Wear approved positive pressure, self-contained breathing apparatus and full protective turn out gear. Dike and collect water used to fight fire. Use spark-proof tools and explosion-proof equipment

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures

Personnel involved in clean-up should wear appropriate personal protective equipment (see Section 8). Minimize exposure. Eliminate all sources of ignition and ventilate area using explosion-proof equipment.

Environmental Precautions

Place waste in an appropriately labeled, sealed container for disposal. Care should be taken to avoid environmental release.

Methods and Material for Containment and Cleaning Up

Measures for Cleaning /
Collecting:Contain the source of the spill if it is safe to do so. Eliminate possible ignition sources (e.g.,
heat, sparks, flame, impact, friction, electricity), and follow appropriate grounding procedures.
Use non-combustible absorbent material to wipe up spill and place in a sealed container for
disposal. Clean contaminated surface thoroughly. Prevent discharge to drains.

Additional Consideration for
Large Spills:Non-essential personnel should be evacuated from affected area. Report emergency
situations immediately. Clean up operations should only be undertaken by trained personnel.

7. HANDLING AND STORAGE

Precautions for Safe Handling

Eliminate possible ignition sources (e.g., heat, sparks, flame, impact, friction, electricity), and follow appropriate grounding and bonding procedures. Take precautionary measures against static discharges. Use only in a well-ventilated area. Avoid breathing vapor or mist. Avoid contact with eyes, skin and clothing. When handling, use appropriate personal protective equipment (see Section 8). Wash hands and any exposed skin after removal of PPE. Releases to the environment should be avoided. Review and implement appropriate technical and procedural waste water and waste disposal measures to prevent occupational exposure or environmental releases. Potential points of process emissions of this material to the atmosphere should be controlled with dust collectors, HEPA filtration systems or other equivalent controls.

Conditions for Safe Storage, Including any Incompatibilities

Storage Conditions:Store at room temperature in properly labeled containers. Keep out of reach of children. Keep
away from heat, sparks, flame, and other sources of ignition. Store as directed by product
packaging.Storage Temperature:Store at or below 30°C (86°F).
Veterinary product used as Antiparasitic (veterinary); endectocide

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Control Parameters

Refer to available public information for specific member state Occupational Exposure Limits.

Material Name: Selamectin topical solution- Single dose tubes Revision date: 09-Feb-2015

Page 5 of 13 Version: 5.1

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Isopr	opyl alcohol	
	ACGIH Threshold Limit Value (TWA)	200 ppm
	ACGIH Threshold Limit Value (STEL)	400 ppm
	ACGIH - Biological Exposure Limit:	40 mg/L
	Australia STEL	500 ppm
		1230 mg/m ³
	Australia TWA	400 ppm
		983 mg/m ³
	Austria OEL - MAKs	200 ppm
		500 mg/m ³
	Belgium OEL - TWA	200 ppm
		500 mg/m ³
	Bulgaria OEL - TWA	980.0 mg/m ³
	Czech Republic OEL - TWA	500 mg/m ³
	Denmark OEL - TWA	200 ppm
		490 mg/m ³
	Estonia OEL - TWA	150 ppm
		350 mg/m ³
	Finland OEL - TWA	200 ppm
		500 mg/m ³
	Germany - TRGS 900 - TWAs	200 ppm
		500 mg/m ³
	Germany (DFG) - MAK	200 ppm
		500 mg/m ³
	Germany - Biological Exposure Limit:	25 mg/L
	Greece OEL - TWA	400 ppm
		980 mg/m ³
	Hungary OEL - TWA	500 mg/m ³
	Ireland OEL - TWAs	200 ppm
	Japan - OELs - Ceilings	400 ppm
		980 mg/m ³
	Latvia OEL - TWA	350 mg/m ³
	Lithuania OEL - TWA	150 ppm
		350 mg/m ³
	OSHA - Final PELS - TWAs:	400 ppm
		980 mg/m ³
	Poland OEL - TWA	900 mg/m ³
	Portugal OEL - TWA	200 ppm
	Romania OEL - TWA	81 ppm
		200 mg/m ³
	Romania - Biological Exposure Limit:	50 mg/L
	Slovakia OEL - TWA	200 ppm
		500 mg/m³
	Slovenia OEL - TWA	200 ppm
		500 mg/m ³
	Spain OEL - TWA	200 ppm
	500 mg/m ³
	Spain - Biological Exposure Limit:	40 mg/L
	Sweden OEL - TWAs	150 ppm
		350 mg/m ³
	Switzerland OEL -TWAs	200 ppm
		500 mg/m ³

Material Name: Selamectin topical solution- Single dose tubes Revision date: 09-Feb-2015

Page 6 of 13 Version: 5.1

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Selamectin

Zoetis OEL TWA 8-hr 200µg/m³ Dipropylene glycol methyl ether **ACGIH Threshold Limit Value (TWA)** 100 ppm **ACGIH Threshold Limit Value (STEL)** 150 ppm **ACGIH - Skin Absorption Designation** Skin - potential significant contribution to overall exposure by the cutaneous route Australia TWA 50 ppm 308 mg/m³ Austria OEL - MAKs 50 ppm 307 mg/m³ 50 ppm **Belgium OEL - TWA** 308 mg/m³ 308.0 mg/m³ **Bulgaria OEL - TWA** 50 ppm **Cyprus OEL - TWA** 50 ppm 308 mg/m³ 270 mg/m³ **Czech Republic OEL - TWA** Denmark OEL - TWA 50 ppm 309 mg/m³ Estonia OEL - TWA 50 ppm 308 mg/m³ **Finland OEL - TWA** 50 ppm 310 mg/m³ France OEL - TWA 50 ppm 308 mg/m³ Germany - TRGS 900 - TWAs 50 ppm 310 mg/m³ Germany (DFG) - MAK 50 ppm 310 mg/m³ mixture of isomers **Greece OEL - TWA** 100 ppm 600 mg/m³ **Hungary OEL - TWA** 308 mg/m³ Ireland OEL - TWAs 50 ppm 308 mg/m³ Italy OEL - TWA 50 ppm 308 mg/m³ Latvia OEL - TWA 50 ppm 308 mg/m³ Lithuania OEL - TWA 50 ppm 300 mg/m³ Malta OEL - TWA 50 ppm 308 mg/m³ **Netherlands OEL - TWA** 300 mg/m³ 100 ppm **OSHA - Final PELS - TWAs:** 600 mg/m³ **OSHA - Final PELs - Skin Notations:** prevent or reduce skin absorption Poland OEL - TWA 240 mg/m³

100 ppm

Portugal OEL - TWA

Material Name: Selamectin topical solution- Single dose tubes Revision date: 09-Feb-2015

Page 7 of 13 Version: 5.1

	URE CONTROLS / PERSONAL PROTECTION
Romania OEL - TWA	50 ppm
	308 mg/m ³ 18 ppm
	300 mg/m ³
Slovakia OEL - TWA	50 ppm
	308 mg/m ³
Slovenia OEL - TWA	50 ppm
	308 mg/m ³
Spain OEL - TWA	50 ppm
	308 mg/m ³
Sweden OEL - TWAs	50 ppm
	300 mg/m ³
Switzerland OEL -TWAs	50 ppm
	300 mg/m ³
Butylated hydroxytoluene	
ACGIH Threshold Limit Value	(TWA) 2 mg/m ³
Australia TWA	10 mg/m ³
Austria OEL - MAKs	10 mg/m ³
Belgium OEL - TWA	2 mg/m^3
Bulgaria OEL - TWA	10.0 mg/m ³
Denmark OEL - TWA	10 mg/m ³
Finland OEL - TWA	10 mg/m ³
France OEL - TWA	10 mg/m ³
Germany - TRGS 900 - TWAs	10 mg/m ³
Germany (DFG) - MAK	10 mg/m ³
Greece OEL - TWA	10 mg/m ³
Ireland OEL - TWAs	10 mg/m ³
Portugal OEL - TWA	2 mg/m ³
Slovenia OEL - TWA	10 mg/m ³
Switzerland OEL -TWAs	10 mg/m ³
Exposure Controls	
Engineering Controls:	Engineering controls should be used as the primary means to control exposures. Keep
Personal Protective	airborne contamination levels below the exposure limits listed above in this section.
Equipment:	Refer to applicable national standards and regulations in the selection and use of personal protective equipment (PPE).
Equipment.	
Hands:	Impervious gloves are recommended if skin contact with drug product is possible and for bulk
nanas.	processing operations.
Eyes:	Wear safety glasses or goggles if eye contact is possible.
Skin:	Impervious protective clothing is recommended if skin contact with drug product is possible and
	for bulk processing operations.
Respiratory protection:	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.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Odor: Molecular Formula: Solution Characteristic alcohol odor Mixture Color: Odor Threshold: Molecular Weight: Yellow to colorless No data available. Mixture

Solvent Solubility:

Material Name: Selamectin topical solution- Single dose tubes Revision date: 09-Feb-2015

Page 8 of 13 Version: 5.1

9. PI	HYSICAL AND (CHEMICAL PROPERTIES
Water Solubility:	No data available	
Solubility:	Miscible: Water	
pH:	No data available.	
Melting/Freezing Point (°C):	No data available	
Boiling Point (°C):	84	
Partition Coefficient: (Method, pH, E Selamectin Measured Log P 3.1	Endpoint, Value)	
Decomposition Temperature (°C):	No data available.	
Evaporation Rate (Gram/s):	No data available	
Vapor Pressure (kPa):	No data available	
Vapor Density (g/ml):	No data available	
Relative Density:	0.815 - 0.847	
Viscosity:	No data available	
Flammablity:		
Autoignition Temperature (Solid) (°C): Flammability (Solids): Flash Point (Liquid) (°C):		No data available No data available 19
Upper Explosive Limits (Liquid) (% by Vol.):		No data available
Lower Explosive Limits (Liquid) (% by Vol.):		No data available
Polymerization:		Will not occur

10. STABILITY AND REACTIVITY

Reactivity: Chemical Stability:	No data available Stable under normal conditions of use.
Possibility of Hazardous Reactions	
Oxidizing Properties:	No data available
Conditions to Avoid:	Keep away from heat, spark, flames and all other sources of ignition. Prevent vapor accumulation. Vapours may form explosive mixture with air. Fine particles (such as dusts, mists and vapors) may fuel fires/explosions.
Incompatible Materials:	As a precautionary measure, keep away from strong oxidizers
Hazardous Decomposition	Thermal decomposition products may include carbon monoxide, carbon dioxide and other toxic
Products:	vapors.

11. TOXICOLOGICAL INFORMATION

Information on Toxicological Effects General Information:

Toxicological properties of the formulation have not been investigated. The information in this section describes the potential hazards of the individual ingredients and the formulation. Routes of exposure: inhalation , skin contact , eye contact

Acute Toxicity: (Species, Route, End Point, Dose)

Butylated hydroxytoluene

Rat Oral LD50 1700 mg/kg Mouse Oral LD50 650 mg/kg Rat Oral LD50 890 mg/kg Mouse Intraperitoneal LD 50 138 mg/kg

Material Name: Selamectin topical solution- Single dose tubes Revision date: 09-Feb-2015

Page 9 of 13 Version: 5.1

11. TOXICOLOGICAL INFORMATION

Isopropyl alcohol

RatOralLD50> 2000 mg/kgMouseOralLD503600 mg/kgRatInhalationLC50-8h16,000 ppmRabbitDermalLD5012800 mg/kgRatInhalationLC5030mg/L

Dipropylene glycol methyl ether

Dog Oral LD50 7500 mg/kg Rat Oral LD 50 5400 μL/kg Rabbit Dermal LD 50 10 mL/kg

Selamectin

Rat Oral LD50 > 1600 mg/kg Mouse Oral LD50 > 1600mg/kg

Acute Toxicity Comments:A greater than symbol (>) indicates that the toxicity endpoint being tested was not achievable
at the highest dose used in the test.Inhalation Acute ToxicityMay be harmful if inhaled. May cause respiratory tract and mucous membrane irritation.
Based on components, inhalation may cause irritation, headache, drowsiness, and symptoms
of drunkenness.

Irritation / Sensitization: (Study Type, Species, Severity)

Butylated hydroxytoluene

Eye IrritationRabbitModerateSkin IrritationRabbitModerate

Isopropyl alcohol

Eye Irritation Rabbit Severe Skin Irritation Rabbit Mild

Dipropylene glycol methyl ether

Skin IrritationRabbitMildEye IrritationRabbitMild

Selamectin

Eye Irritation Rabbit Mild Skin Irritation Rabbit Minimal Skin Sensitization - GPMT Guinea Pig Negative

Irritation / Sensitization Comments: May cause eye irritation based on components. Skin Irritation / Sensitization May cause skin irritation based on components.

Repeated Dose Toxicity: (Duration, Species, Route, Dose, End Point, Target Organ)

Butylated hydroxytoluene

4 Week(s)	Rat	Oral	5185 mg/kg	LOAEL	Liver
4 Day(s)	Mouse	Oral	2000 mg/kg	LOAEL	Liver, Kidney, Ureter, Bladder

Material Name: Selamectin topical solution- Single dose tubes Revision date: 09-Feb-2015

11. TOXICOLOGICAL INFORMATION

Isopropyl alcohol

20 Week(s) Rat Inhalation 4000 ppm NOAEL Liver, Central nervous system 104 Week(s) Rat Inhalation 5000 ppm Kidney

Selamectin

3 Month(s) Rat Oral 5 mg/kg/day NOAEL Liver 3 Month(s) Dog Oral 40 mg/kg/day NOAEL None identified

Reproduction & Developmental Toxicity: (Study Type, Species, Route, Dose, End Point, Effect(s))

Butylated hydroxytoluene

Embryo / Fetal Development Rat Oral 6 g/kg LOEL Teratogenic

Isopropyl alcohol

Prenatal & Postnatal Development Rat Inhalation 7,000 ppm LOAEL Maternal toxicity, Fetotoxicity, Embryotoxicity 2 Generation Reproductive Toxicity Rat Oral 1000 mg/kg/day LOAEL Maternal Toxicity, Fetal mortality Prenatal & Postnatal Development Rat Oral 1200 mg/kg/day NOAEL No effects at maximum dose

Selamectin

Reproductive & FertilityRat 10 mg/kg/dayNOAELFetotoxicityPrenatal & Postnatal DevelopmentRat 10 mg/kg/dayNOAELDevelopmental toxicityPrenatal & Postnatal DevelopmentRatOral 40 mg/kg/dayNOAELMaternal Toxicity

Genetic Toxicity: (Study Type, Cell Type/Organism, Result)

Isopropyl alcohol

Bacterial Mutagenicity (Ames)SalmonellaNegativeMammalian Cell MutagenicityHGPRT Chinese Hamster Ovary (CHO) cellsNegativeIn Vitro Sister Chromatid ExchangeNegative

Selamectin

Bacterial Mutagenicity (Ame	s) Salmonella	Negative	
In Vitro Cytogenetics Hu	nan Lymphocytes	Negative	
In Vivo Micronucleus Mo	use Negative		
Mammalian Cell Mutagenici	y Chinese Hams	ster Ovary (CHO) cells HGPRT	Negative

Carcinogen Status:	None of the components of this formulation are listed as a carcinogen by IARC, NTP or OSHA.
	See below

Butylated hydroxytoluene IARC:	Group 3 (Not Classifiable)
Isopropyl alcohol	Crown 2 (Net Classifichte)
IARC:	Group 3 (Not Classifiable)

Material Name: Selamectin topical solution- Single dose tubes Revision date: 09-Feb-2015 Page 11 of 13 Version: 5.1

12. ECOLOGICAL INFORMATION		
Environmental Overview:	Environmental properties of the formulation have not been investigated. This mixture contains material that is toxic to aquatic life. Bioaccumulation and/or long term effects are not expected. Releases to the environment should be avoided.	
Toxicity:		
Aquatic Toxicity: (Species, Method, End Point, Duration, Result)		
Selamectin Daphnia magna (Water Flea) OECD Mysidopsis bahia (Mysid Shrimp) LC4 Cyprinodon variegatus (Sheepshead Mi Selenastrum capricornutum (Green Alga Oncorhynchus mykiss (Rainbow Trout) Aquatic Toxicity Comments:	50 96 Hours 28 ng/L nnow) LC50 48 Hours > 28 ug/L a) OECD EC50 72 Hours >763 ug//L	
Persistence and Degradability:	No data available	
Bio-accumulative Potential:	No data available	
Selamectin Measured Log P 3.1		
Mobility in Soil:	No data available	

13. DISPOSAL CONSIDERATIONS

Waste Treatment Methods: Should not be released into the environment. Dispose of waste in accordance with all applicable laws and regulations. Member State specific and Community specific provisions must be considered. 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.

14. TRANSPORT INFORMATION

The following refers to all modes of transportation unless specified below.

This material is regulated for transportation as a hazardous material/dangerous good.

UN number:	UN 1219
UN proper shipping name:	Isopropanol Solution
Transport hazard class(es):	3
Packing group:	II
Environmental Hazard(s):	Marine Pollutant (Selamectin)
Flash Point (°C):	19

Material Name: Selamectin topical solution- Single dose tubes Revision date: 09-Feb-2015

19

Page 12 of 13 Version: 5.1

Please refer to the applicable dangerous goods regulations for additional information. See "excepted quantity" provisions if applicable. Transport according to the requirements of the appropriate regulatory body.

Flash Point (°C):

15. REGULATORY INFORMATION

Safety, Health and Environmental Regulations/Legislation Specific for the Substance or Mixture

Canada - WHMIS: Classifications

WHMIS hazard class: Class B, Division 2 Class D, Division 2, Subdivision A Class D, Division 2, Subdivision B This product has been classified in accordance with the hazard criteria of the CPR and the SDS contains all of the information required by the CPR.



isopropyl alconol	
CERCLA/SARA 313 Emission reporting	1.0 %
California Proposition 65	Not Listed
Inventory - United States TSCA - Sect. 8(b)	Present
Australia (AICS):	Present
EU EINECS/ELINCS List	200-661-7
Selamectin	
CERCLA/SARA 313 Emission reporting	Not Listed
California Proposition 65	Not Listed
EU EINECS/ELINCS List	Not Listed
	NOT LISTED
Dipropylene glycol methyl ether	
CERCLA/SARA 313 Emission reporting	Not Listed
California Proposition 65	Not Listed
Inventory - United States TSCA - Sect. 8(b)	Present
Australia (AICS):	Present
EU EINECS/ELINCS List	252-104-2
	202 1012
Butylated hydroxytoluene	
CERCLA/SARA 313 Emission reporting	Not Listed
California Proposition 65	Not Listed
•	
Inventory - United States TSCA - Sect. 8(b)	Present

Material Name: Selamectin topical solution- Single dose tubes Revision date: 09-Feb-2015

Page 13 of 13 Version: 5.1

15. REGULATORY INFORMATION

Australia (AICS): EU EINECS/ELINCS List Present 204-881-4

16. OTHER INFORMATION

Text of R phrases and GHS Classification abbreviations mentioned in Section 3

Flammable liquids-Cat.2; H225 - Highly flammable liquid and vapor Serious eye damage/eye irritation-Cat.2A; H319 - Causes serious eye irritation Specific target organ toxicity, single exposure; Narcotic effects-Cat.3; H336 - May cause drowsiness and dizziness Reproductive toxicity-Cat.2; H361 - Suspected of damaging fertility or the unborn child Hazardous to the aquatic environment, acute toxicity-Cat.1; H400 - Very toxic to aquatic life Hazardous to the aquatic environment, chronic toxicity-Cat.1; H410 - Very toxic to aquatic life with long lasting effects

- Toxic to Reproduction: Category 3
- N Dangerous for the environment
- Xi Irritant
- F Highly flammable
- R11 Highly flammable.
- R36 Irritating to eyes.
- R50 Very toxic to aquatic organisms.
- R62 Possible risk of impaired fertility.
- R63 Possible risk of harm to the unborn child.
- R67 Vapors may cause drowsiness and dizziness.

Data Sources:	The data contained in this SDS may have been gathered from confidential internal sources, raw material suppliers, or from the published literature.
Reasons for Revision:	Updated Section 3 - Composition / Information on Ingredients. Updated Section 6 - Accidental Release Measures. Updated Section 7 - Handling and Storage. Updated Section 10 - Stability and Reactivity. Updated Section 11 - Toxicology Information. Updated Section 14 - Transport Information.

Prepared by:

Toxicology and Hazard Communication Zoetis Global Risk Management

Zoetis Inc. believes that the information contained in this Safety Data Sheet is accurate, and while it is provided in good faith, it is without warranty of any kind, expressed or implied. If data for a hazard are not included in this document there is no known information at this time.

End of Safety Data Sheet